North Hennepin
Community College

2016-2017 Academic Programs and Courses

Table of Contents:

- Computer Science AS
- Construction Management AS
- Construction Management Certificate
- Corporate Wellness AS
- Creative Writing AFA
- Criminal Justice AS
- Desktop Publishing Essentials Certificate
- E-Commerce Essentials Certificate
- E-Commerce Professional Certificate
- Economics Emphasis AA
- Education AS
- Entrepreneurship AAS
- Entrepreneurship Certificate
- Exercise Science AS
- Film Emphasis AA
- Finance and Investments Certificate
- Finance Management AAS
- Game Programming Certificate
- General Accounting Certificate
- Graphic Design AS
- Health Science Broad Field AS
- History Emphasis AA
- Histotechnology AAS
- Human Services AS
- Individualized Studies AS
- Internet Programming Certificate
- Law Enforcement AS
- Literature Emphasis AA
- Management AAS
- Management Certificate
- Marketing AAS
- Marketing and Sales Certificate
- Mathematics AS
- Medical Laboratory Technology AAS
- Microsoft Office Administrative Professional Certificate
- Microsoft Office Essentials Certificate
- Microsoft Office Fundamentals Certificate
- Microsoft Office Specialist Certificate
- Microsoft Office Technical Professional Certificate
- Music AFA
- Nursing (MANE) AS

- Nursing Advanced Standing (MANE) AS
- Object-Oriented Programming Certificate
- Paralegal AS
- Paralegal Certificate
- Personal Training Certificate
- Physical Education AS
- Pre-Engineering AS
- Project Management Essentials Certificate
- Psychology Emphasis AA
- Public Works Certificate
- Small Business Accounting Certificate
- Spanish Language Certificate
- Studio Arts AFA
- Theatre AFA
- Web Graphic Design and Programming and e-Commerce Certificate
- Wellness Coach Certificate
- Word Processing Essentials Certificate

Associate Degree Programs

Associate in Arts (A.A.) Degree
The Associate in Arts (A.A.) is awarded for successful completion of 60 designated credits and is designed to constitute the first two years of a liberal arts bachelor degree program. The Associate in Arts degree is a liberal arts degree intended primarily for students who plan to transfer to another college or university to complete a bachelor's degree. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirements of the desired transfer institution. An A.A. degree includes the entire Minnesota Transfer Curriculum (MnTC), 40 semester credits of general education requirements. Pursuant to Minnesota state statute, the MnTC must transfer to any institution within the Minnesota State Colleges and Universities system or the University of Minnesota. Students are encourages to develop an educational plan with an advisor to ensure they are meeting degree requirements and planning for a successful transfer. The A.A. Degree requires a minimum of 60 semester credits.

In order to graduate, a student shall:
1. Complete 40 credits in the Minnesota Transfer Curriculum, satisfying the requirements for each of the 10 goal areas.
2. Earn a minimum of 15 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
3. Earn a cumulative grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
4. Grades of A, B, C, and D are accepted in the MnTC; however a cumulative 2.0 grade point average is required to complete the entire 40 credit, 10 goal area MnTC.
5. Complete at least 4 credits for the Wellness requirement with at least one course from each of the following areas: Health (all courses) and Physical Education (all courses).
Complete 16 elective credits selected from all courses listed in the College's offerings, which are numbered 1000 or higher. If the student intends to transfer, he/she is encouraged to work with a counselor or adviser to fulfill requirements for transfer to the other institution.
6. Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of the MnTC and/or the completion of an associate degree fulfills the MnTC Goal Area 2 Critical Thinking requirement.

North Hennepin Community College offers the following A.A. degree programs:
- A.A. in Liberal Arts
- A.A. with an emphasis in Economics
- A.A. with an emphasis in Film
- A.A. with an emphasis in History
- A.A. with an emphasis in Literature
- A.A. with an emphasis in Psychology

Associate in Fine Arts (A.F.A.) Degree
An Associate in Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete a program in a designated discipline in fine arts. The A.F.A. degree is designed for transfer to a baccalaureate degree.

In order to graduate, a student shall:
1. Earn a minimum of 60-68 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College... Specific programs may have additional requirements or a higher minimum grade point average.
2. Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of the fine arts courses at North Hennepin Community College.
3. Earn a cumulative grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
4. Grades of A, B, C, and D are accepted in the degree; however a cumulative 2.0 grade point average is required to complete the degree.
5. Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.
6. Completion of the MnTC and/or the completion of the AFA degree fulfills the MnTC Goal Area 2 Critical Thinking requirement.

North Hennepin Community College offers the following A.F.A degree program:
- A.F.A. Creative Writing
- A.F.A. Music
- A.F.A. Studio Arts
- A.F.A. Theatre

Associate in Science (A.S.) Degree
The Associate in Science (A.S.) degree is intended for students whose primary goal is to prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement and/or complete the credentials for a specific career. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

In order to graduate, a student shall:
1. Earn a minimum of 60-68 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College.. Specific programs may have additional requirements or a higher minimum grade point average.

2.   Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
3.   Grades of A, B, C, and D are accepted in the degree; however a cumulative 2.0 grade point average is required to complete the degree.
4.   Earn 30 credits in at least 6 MnTC goal areas.
5.   Earn additional professional/technical credits.
6.   Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.
7.   Completion of the MnTC and/or the completion of the AS degree fulfills the MnTC Goal Area 2 Critical Thinking requirement.

North Hennepin Community College offers the following A.S. degree programs:

- Accounting
- Biology
- Business Administration (with either a management or marketing concentration)
- Business Computer Systems and Management
- Chemistry
- Computer Science
- Construction Management
- Corporate Wellness
- Criminal Justice
- Education
- Exercise Science
- Graphic Design
- Health Science Broad Field
- Human Services
- Individualized Studies
- Law Enforcement
- Mathematics
- Nursing
- Paralegal
- Physical Education
- (Pre) Engineering

Associate in Applied Science (A.A.S.) Degree
The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

In order to graduate, a student shall:
1.   Earn a minimum of 60 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
2.   Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of the professional or technical courses at North Hennepin Community College.
3.   Earn 20 credits in at least 3 MnTC goal areas.
4.   Earn 40 professional/technical credits.
5.   Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.
6.   Completion of the MnTC and/or the completion of the AAS degree fulfills the MnTC Goal Area 2 Critical Thinking requirement.

North Hennepin Community College offers the following A.A.S. degree programs:
- Accounting Technology
- Business Computer Systems and Management
- Entrepreneurship
- Finance Management
- Histotechnology
- Management
- Marketing
- Medical Laboratory Technology

See the NHCC website (www.nhcc.edu) and student publications for degree application deadlines.

Certificate Programs
Concentrated programs of study are available in certain areas as certificates. Certificates are designed for those students who wish to develop vocational skills for specific career areas. Certificates shall include 9 to 30 semester credits.

In order to earn a certificate, a student shall:
1. Complete courses in the certificate program with a minimum grade point average of 2.00 (C).
2. Complete at least one-third of the total credits required for each certificate at North Hennepin Community College.
3. Have four years to complete the certificate requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their certificate requirements may follow any catalog published during the four-year period preceding their completion.

North Hennepin Community College offers the following Certificate programs:

Academic English Language Proficiency
Accounting
- General Accounting
- Small Business Accounting

American Sign Language
Building Inspection Technology
Construction Management
Public Works

Business
- Business Communication and Technology Essentials
- Business Principles
- Desktop Publishing Essentials
- E-Commerce Essentials
- E-Commerce Professional
- Entrepreneurship
- Finance and Investments
- Management
- Marketing and Sales
- Microsoft Office Administrative Professional
- Microsoft Office Essentials
- Microsoft Office Fundamentals
- Microsoft Office Specialist
- Microsoft Office Technical Professional
- Project Management Essentials
- Web Graphic Design and Programming and e-Commerce
- Word Processing Essentials

Computer Science
- .NET Programming
- Application Programing
- Game Programming
- Internet Programming
- Object Oriented Programming
- Web Graphic Design and Programming and e-Commerce

Chemical Lab oratory Assistant
Certificate
Paralegal Spanish Language Personal
Training Wellness Coach

Graphic Design
- Web Graphic Design and Programming and e-Commerce

Minnesota Transfer Curriculum
At North Hennepin Community College, the Minnesota Transfer Curriculum (MnTC) provides the general education distribution requirements for the Associate of Arts degree and provides the general education component for each of the career programs. The MnTC is designed to give students a college-level general education curriculum that focuses on the knowledge and skills necessary to be successful in modern society.

The Minnesota Transfer Curriculum (MnTC) is an agreement among Minnesota public institutions that aids in transfer among public colleges and universities in Minnesota. Upon full completion of the MnTC, a student will receive credit for all lower-division general education requirements (40 credits) upon admission. Partial completion of the MnTC will first be evaluated for completion of any of the 10 Goal Areas within the MnTC and then on a course-by-course basis. In all cases, courses recognized within particular Goal Area(s) by the previous institution will be accepted at North Hennepin Community College within the same Goal Area(s). Grades of A, B, C, or D are accepted in the MnTC; however, a cumulative 2.00 MnTC GPA is required for recognition of a student's completion of the entire Minnesota Transfer Curriculum with or without completing an associate degree.

Goal Area 1: Communication
Goal: To develop writers and speakers who use the English language effectively and who read, write, speak and listen critically. As a base, all students should complete introductory communication requirements early in their collegiate studies. Writing competency is an ongoing process reinforced through writing-intensive courses and writing across the curriculum. Speaking and listening skills are reinforced through multiple opportunities for interpersonal communication, public speaking and discussion.

MnTC approved courses for Goal Area 1:
Students must complete a minimum of nine (9) credits by taking at least six (6) credits in writing and three (3) credits in communications. Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
01	COMM	1010	Fundamentals of Public Speaking	3
01	COMM	1110	Principles of Interpersonal Communication (7)	3
01	COMM	1210	Small Group Communication	3
01	COMM	1410	Human Communication Theory	3
01	COMM	1510	Nonverbal Communication (8)	3
01	COMM	1610	Introduction to Mass Communication (9)	3
01	COMM	1710	Oral Interpretation and Traditions (8)	3
01	COMM	1810	Introduction to Health Communication (9)	3
01	COMM	1910	Argumentation and Public Advocacy (2)	3
01	ENGL	1200	Gateway College Writing	4
01	ENGL	1201	College Writing I	4
01	ENGL	1202	College Writing II	2
01	TFT	1710	Oral Interpretation and Traditions (8)	3

Goal Area 2: Critical Thinking
Goal: To develop thinkers who are able to unify factual, creative, rational and value-sensitive modes of thought. Critical thinking will be taught and used throughout the general education curriculum to develop students' awareness of their own thinking and problem-solving procedures. To integrate new skills into their customary ways of thinking, students must be actively engaged in practicing thinking skills and applying them to open-ended problems.
MnTC approved courses for Goal Area 2:
Completion of the MnTC and/or the completion of an associate's degree fulfills the Critical Thinking requirement.

GOAL	SUBJ	NBR	TITLE	CRHR
02	COMM	1910	Argumentation and Public Advocacy (1)	3
02	MATH	1090	Statway Statistics II (4)	4
02	PHIL	1110	Informal Reasoning for Problem Solving (9)	3
02	PHIL	1220	Health Care Ethics (6,9)	3

Goal Area 3: Natural Sciences
Goal: To improve students' understanding of natural science principles and of the methods of scientific inquiry, i.e., the ways in which scientists investigate natural science phenomena. As a basis for lifelong learning, students need to know the vocabulary of science and to realize that while a set of principles has been developed through the work of previous scientists, ongoing scientific inquiry and new knowledge will bring changes in some of the ways scientists view the world. By studying the problems that engage today's scientists, students learn to appreciate the importance of science in their lives and to understand the value of a scientific perspective. Students are encouraged to study both the biological and physical sciences.

MnTC approved courses for Goal Area 3:
Students must complete a minimum of seven (7) credits. The courses must come from at least two different departments and at least one must be a traditional lab course-designated by *. Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
03	ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory (10)	3
03	BIOL	1000	Life Science *	4
03	BIOL	1001	Biology I *	4
03	BIOL	1030	Boundary Waters Canoe Area Field Biology (10)	4
03	BIOL	1101	Principles of Biology I *	4
03	BIOL	1102	Principles of Biology II *	4
03	BIOL	1120	Human Biology	3
03	BIOL	1130	Human Biology with a Lab *	4
03	BIOL	1140	Introduction to Human Genetics and Origins	3
03	BIOL	1160	Global Environment Field Biology (10)	4
03	BIOL	1200	Current Environmental Issues * (10)	4
03	BIOL	1350	Biology of Women	3
03	BIOL	1360	Biology of Women with a Lab *	4
03	BIOL	1610	Field Ecology (10)	1
03	BIOL	1650	Human Biology Series	1
03	BIOL	2020	Animal Biology *	4
03	BIOL	2030	Plant Biology *	4
03	BIOL	2100	Microbiology *	4
03	BIOL	2111	Human Anatomy and Physiology I *	4
03	BIOL	2112	Human Anatomy and Physiology II *	4
03	CHEM	1000	Chemistry and Society (10) *	4
03	CHEM	1010	Introduction to Chemistry *	4
03	CHEM	1030	Introduction to Physical Sciences *	4
03	CHEM	1061	Principles of Chemistry I *	4
03	CHEM	1062	Principles of Chemistry II *	4
03	GEOG	1010	Physical Geography (10)	3

03	GEOL	1010	Minnesota Field Geology Series: Glacial Geology (10)	2
03	GEOL	1020	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology (10)	2
03	GEOL	1030	Minnesota Field Geology Series: Fluvial Geology (10)	2
03	GEOL	1040	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways (10)	2
03	GEOL	1110	Physical Geology *	4
03	GEOL	1120	Historical Geology * (10)	4
03	GEOL	1130	Rocky Mountain Field Study*	4
03	GEOL	1150	Boundary Waters Field Geology* (10)	4
03	GEOL	1160	Global Environmental Field Geology* (10)	4
03	GEOL	1850	Oceanography (10)	3
03	GEOL	1851	Oceanography Lab * (10)	1
03	NSCI	1000	Conceptual Physics*	4
03	NSCI	1010	Science of Disaster Workshop I	1
03	NSCI	1020	Science of Disaster Workshop II	1
03	NSCI	1030	Science of Disaster Workshop III	1
03	NSCI	1050	Astronomy *	4
03	NSCI	1060	The Solar System	3
03	NSCI	1061	Solar System Lab *	1
03	NSCI	1070	Concepts of the Stars and Universe	3
03	NSCI	1071	Stars and the Universe Lab *	1
03	NSCI	1110	Minnesota's Natural History* (10)	4
03	NSCI	1120	Meteorology *	4
03	PHYS	1000	Conceptual Physics *	4
03	PHYS	1030	Introduction to Physical Sciences *	4
03	PHYS	1050	Astronomy *	4
03	PHYS	1060	The Solar System	3
03	PHYS	1061	Solar System Lab *	1
03	PHYS	1070	Concepts of the Stars and Universe	3
03	PHYS	1071	Stars and the Universe lab *	1
03	PHYS	1120	Meteorology *	4
03	PHYS	1140	Energy Aspects of Our Physical Environment	3
03	PHYS	1201	Principles of Physics I *	5
03	PHYS	1202	Principles of Physics II *	5
03	PHYS	1601	General Physics I *	5
03	PHYS	1602	General Physics II *	5

Goal Area 4: Mathematical/Logical Reasoning
Goal: To increase students 'knowledge about mathematical and logical modes of thinking. This will enable students to appreciate the breadth of applications of mathematics, evaluate arguments and detect fallacious reasoning. Students will learn to apply mathematics, logic and/or statistics to help them make decisions in their lives and careers. Minnesota's public higher education systems have agreed that developmental mathematics includes the first three years of a high school mathematics sequence through intermediate algebra.

MnTC approved courses for Goal Area 4:
Students must complete a minimum of one college level math or logic course.

GOAL	SUBJ	NBR	TITLE	CRHR
04	MATH	1010	Survey of Mathematics	3
04	MATH	1090	Statway Statistics II (2)	4
04	MATH	1130	Elementary Statistics	3
04	MATH	1140	Finite Mathematics	3
04	MATH	1150	College Algebra	3
04	MATH	1170	Pre-Calculus	4
04	MATH	1180	College Algebra and Pre-Calculus	5
04	MATH	1200	Calculus Survey	3
04	MATH	1221	Calculus I	5
04	MATH	1222	Calculus II	5
04	MATH	2010	Probability and Statistics	3
04	MATH	2220	Calculus III	5
04	MATH	2300	Linear Algebra	3
04	MATH	2400	Differential Equations	3
04	PHIL	1050	Introduction to Logic	3

Goal Area 5: History and the Social and Behavioral Sciences
Goal: To increase student's knowledge of how historians and social and behavioral scientists discover, describe and explain the behaviors and interactions among individuals, groups, institutions, events and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity.

MnTC approved courses for Goal Area 5:

Students must complete a minimum of nine (9) credits in three of these courses. Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

Behavioral Science

GOAL	SUBJ	NBR	TITLE	CRHR
05	PSYC	1150	General Psychology	3
05	PSYC	1160	Introduction to Psychology	4
05	PSYC	1165	Psychology of Adjustment (7)	3
05	PSYC	1170	Psychology of Gender (7)	3
05	PSYC	1210	Child Development	3
05	PSYC	1220	Adult Development	3
05	PSYC	1250	Life Span Developmental Psychology	4
05	PSYC	2110	Principles of Social Psychology (7)	3
05	PSYC	2320	Abnormal Psychology	3
05	PSYC	2330	Personality	3
05	PSYC	2340	Human Sexuality (7)	3
05	PSYC	2350	Multicultural Psychology (8)	3
05	SOC	1110	Introduction to Sociology (7)	3
05	SOC	1710	Introduction to Criminal Justice	3
05	SOC	1750	Families in Crisis	3
05	SOC	2110	Principles of Social Psychology (7)	3
05	SOC	2210	Minority Groups (7)	3
05	SOC	2730	Introduction to Corrections	3

Social Science

GOAL	SUBJ	NBR	TITLE	CRHR
05	ANTH	1010	Introduction to Anthropology: Cultural Anthropology (8)	3
05	ANTH	1130	The Archaeology of Prehistoric Europe (10)	3
05	ANTH	1140	Anthropology of Religion (7)	3
05	ECON	1050	Economics of Crime (9)	3
05	ECON	1060	Principles of Economics Macro (8)	3
05	ECON	1070	Principles of Economics Micro	3
05	HIST	1010	World History: Origins to 1300 (8)	3
05	HIST	1020	World History: 1300 to Present (8)	3
05	HIST	1030	Colonial History of the Americas (8)	3
05	HIST	1110	History of Western Civilization Pre 1550 (8)	3
05	HIST	1120	History of Western Civilization 1550 to Present (8)	3
05	HIST	1130	History of the Medieval West (8)	3
05	HIST	1140	History of the Ancient West (8)	3
05	HIST	1200	History of United States Through 1877 (7)	3
05	HIST	1210	History of the United States Since 1877 (7)	3
05	HIST	1270	Race in America (7)	3
05	HIST	2500	World Regional History (8)	3
05	HIST	2600	Intellectual History (9)	3
05	HIST	2700	History and Popular Culture (9)	3
05	POLS	1100	American Government and Politics (9)	3
05	POLS	1140	State and Local Politics (9)	3
05	POLS	1600	Comparative Politics (8)	3
05	POLS	1700	World Politics (8)	3
05	POLS	2130	Constitutional Law	3

Goal Area 6: Humanities and Fine Arts
Goal: To expand students' knowledge of the human condition and human cultures, especially in relation to behavior, ideas and values expressed in works of human imagination and thought. Through study in disciplines such as literature, philosophy and the fine arts, students will engage in critical analysis, form aesthetic judgments and develop an appreciation of the arts and humanities as fundamental to the health and survival of any society. Students should have experiences in both the arts and humanities.

MnTC approved courses for Goal Area 6:
Students must complete a minimum of nine (9) credits in three of these courses. Courses must come from at least two different departments.

GOAL	SUBJ	NBR	TITLE	CRHR
06	ARBC	1030	Arab Cultures (8)	3
06	ART	1040	Introduction to Art (8)	3
06	ART	1101	Photography I	3
06	ART	1102	Photography II	3
06	ART	1160	Digital Photography	3
06	ART	1170	Advanced Photography	3
06	ART	1270	Digital Video Production	3
06	ART	1301	Two Dimensional Design I	3
06	ART	1302	Two Dimensional Design II	3
06	ART	1310	Three Dimensional Design	3
06	ART	1320	Introduction to Sculpture	3
06	ART	1340	Fundamentals of Color	3
06	ART	1361	Ceramics I	3
06	ART	1362	Ceramics II	3
06	ART	1401	Drawing I	3
06	ART	1402	Drawing II	3
06	ART	1770	Quilt Arts	3
06	ART	1810	Studio Art Workshop 1 Credit	1
06	ART	1820	Studio Art Workshop 2 Credit	2
06	ART	2180	Art History: Pre-History to the Age of Cathedrals (8)	3
06	ART	2190	Art History: Renaissance to 21st Century Art (8)	3
06	ART	2300	Architectural History (8)	2
06	ART	2611	Painting I	3
06	ART	2612	Painting II	3
06	ART	2640	Watercolor	3
06	ART	2740	Jewelry Workshop	1
06	ART	2750	Ceramics Workshop	1
06	ART	2781	Quiltmaking Workshop I	1
06	ART	2782	Quiltmaking Workshop II	1
06	ART	2800	Painting Workshop	1
06	ART	2820	Drawing Workshop	1
06	ART	2860	Photography Workshop	1
06	ART	2900	Studio Arts Capstone Practicum	1
06	ART	2970	Art Appreciation Field Trip	1
06	ENGL	1150	Introduction to Literature	3
06	ENGL	1250	Magazine Workshop	2
06	ENGL	1400	Reading Poetry	3
06	ENGL	1450	Reading Plays (7)	3
06	ENGL	1900	Introduction to Creative Writing	3
06	ENGL	1950	Graphic Novels	3
06	ENGL	2010	Writing Creative Non-Fiction and Memoir	3
06	ENGL	2020	Writing Stories	3
06	ENGL	2030	Writing Poetry	3
06	ENGL	2270	Modern American Literature	3
06	ENGL	2300	Children's Literature (7)	3
06	ENGL	2310	American Short Story	3
06	ENGL	2320	Writing: From Structure to Style (7)	3
06	ENGL	2330	Hmong American Literature (7)	3
06	ENGL	2340	Nature in Literature (10)	3
06	ENGL	2350	Women and Literature (7)	3
06	ENGL	2360	Global Literary Perspectives (8)	3
06	ENGL	2370	African American Literature (7)	3
06	ENGL	2380	American Indian Literature (7)	3
06	ENGL	2390	American Working-Class Literature (9)	3
06	ENGL	2450	Survey of American Literature I (7)	3
06	ENGL	2460	Survey of American Literature II (7)	3

06	ENGL	2500	Playwrighting	3
06	ENGL	2550	Survey of British Literature I (8)	3
06	ENGL	2560	Survey of British Literature II (8)	3
06	ENGL	2580	The Shakespeare's Plays (8)	3
06	ENGL	2900	Fantasy Literature (7)	3
06	ENGL	2950	Mystery and Detective Fiction (9)	3
06	GCST	1030	Introduction to Japanese Culture (10)	3
06	MUSC	1130	College Choir	1
06	MUSC	1160	Large Instrumental Ensemble	1
06	MUSC	1170	Instrumental Jazz Ensemble	1
06	MUSC	1180	Small Group Performance Ensemble	1
06	MUSC	1200	Fundamentals of Music	3
06	MUSC	1220	Survey of Western Music (8)	3
06	MUSC	1241	Music Theory I	3
06	MUSC	1242	Music Theory II	3
06	MUSC	1300	Music in World Cultures (8)	3
06	MUSC	1350	History of Rock 'n Roll	3
06	MUSC	1501	Class Guitar I	2
06	MUSC	1502	Class Guitar II	2
06	MUSC	1510	Applied Music: Guitar	1
06	MUSC	1600	Class Voice	2
06	MUSC	1610	Applied Music: Voice	1
06	MUSC	1801	Class Piano I	2
06	MUSC	1802	Class Piano II	2
06	MUSC	1810	Applied Music: Piano	1
06	MUSC	1830	Applied Music: Strings	1
06	MUSC	1850	Applied Music: Percussion	1
06	MUSC	1860	Applied Music: Brass	1
06	MUSC	1870	Applied Music: Woodwinds	1
06	MUSC	2010	Advanced Applied Music Lessons	2
06	MUSC	2170	History of Music I: Medieval Through Classical Eras (8)	3
06	MUSC	2180	History of Music II: Romantic Era to the 21st Century (8)	3
06	MUSC	2241	Music Theory III	3
06	MUSC	2242	Music Theory IV	3
06	MUSC	2970	Music Appreciation Field Trip	1
06	PHIL	1010	Introduction to Philosophy (8)	3
06	PHIL	1020	Ethics (9)	3
06	PHIL	1030	Eastern Religions (8)	3
06	PHIL	1040	Western Religions (7)	3
06	PHIL	1060	Philosophy of Religion (8)	3
06	PHIL	1220	Health Care Ethics (2,9)	3
06	SPAN	1030	Spanish and Latin American Culture (8)	3
06	SPAN	2201	Intermediate Spanish I (8)	5
06	SPAN	2202	Intermediate Spanish I I (8)	5
06	TFT	1200	Theatre in the Twin Cities	3
06	TFT	1210	Introduction to Theatre (7)	3
06	TFT	1250	Introduction to Film	3
06	TFT	1260	Introduction to Television (8)	3
06	TFT	1270	Digital Video Production	3
06	TFT	1280	Introduction to Screenwriting	3
06	TFT	1290	Design for Theatre	3
06	TFT	1310	American Cinema (7)	3
06	TFT	1320	World Cinema (8)	3
06	TFT	1350	The American Musical Theatre (7)	3
06	TFT	1500	Acting I: Improvisation and Foundations	3
06	TFT	1510	Foundations of Acting: Stage Movement and Voice	3
06	TFT	1520	Acting II: Building Characters	3
06	TFT	1531	Stage Combat I	3
06	TFT	1532	Stage Combat II	3
06	TFT	1540	Acting for the Camera	3
06	TFT	1600	Theatre Practicum: Performance	1-3
06	TFT	1610	Theatre Practicum: Technical	1-3
06	TFT	2010	Fundamentals of Directing	3
06	TFT	2500	Playwrighting	3
06	TFT	2950	Theatre Appreciation Field Trip	1-3

Designated Themes: Students must take courses in each of Goal Areas 7, 8, 9, and 10: Human Diversity, Global Perspective, Ethical and Civic Responsibility and People and the Environment. Courses in goal areas 1- 6 that are also listed in these four goal areas can be used to satisfy both areas. Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

Goal Area 7: Human Diversity
Goal: To increase students' understanding of individual and group differences (e.g. race, gender, class) and their knowledge of the traditions and values of various groups in the United States. Students should be able to evaluate the United States' historical and contemporary responses to group differences.

MnTC approved courses for Goal Area 7:
Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
07	ANTH	1140	Anthropology of Religion (5)	3
07	ASL	1300	Deaf Culture	3
07	COMM	1110	Principles of Interpersonal Communication (1)	3
07	COMM	1310	Intercultural Communication (8)	3
07	ENGL	1450	Reading Plays (6)	3
07	ENGL	2300	Children's Literature (6)	3
07	ENGL	2320	Writing: From Structure to Style (6)	3
07	ENGL	2330	Hmong American Literature (6)	3
07	ENGL	2350	Women and Literature (6)	3
07	ENGL	2370	African American Literature (6)	3
07	ENGL	2380	American Indian Literature (6)	3
07	ENGL	2450	Survey of American Literature I (6)	3
07	ENGL	2460	Survey of American Literature II (6)	3
07	ENGL	2900	Fantasy Literature (6)	3
07	GCST	1040	American Indian Culture – Indigenous Peoples of Minnesota (10)	3
07	GCST	1040	Practical Applications of Traditional Aikido (10)	2
07	GCST	1220	Practical Applications of Traditional Aikido (9)	2
07	GCST	1320	Community Organizing (9)	3
07	GEOG	1000	Geography of the United States	2
07	GEOG	1040	Human Geography (8)	3
07	HIST	1200	History of United States Through 1877 (5)	3
07	HIST	1210	History of the United States Since 1877 (5)	3
07	HIST	1270	Race in America (5)	3
07	PHIL	1040	Western Religions (6)	3
07	PSYC	1165	Psychology of Adjustment (5)	3
07	PSYC	1170	Psychology of Gender (5)	3
07	PSYC	2110	Principles of Social Psychology (5)	3
07	PSYC	2340	Human Sexuality (5)	3
07	SOC	1110	Introduction to Sociology (5)	3
07	SOC	1130	Social Problems/Deviance (9)	3
05	SOC	2110	Principles of Social Psychology (5)	3
07	SOC	2210	Minority Groups (5)	3
07	TFT	1210	Introduction to Theatre (6)	3
07	TFT	1310	American Cinema (6)	3
07	TFT	1350	The American Musical Theatre (6)	3

Goal Area 8: Global Perspective
Goal: To increase students' understanding of the growing interdependence of nations and peoples and develop their ability to apply a comparative perspective to cross-cultural social, economic and political experiences.

MnTC approved courses for Goal Area 8:
Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
08	ANTH	1010	Introduction to Anthropology: Cultural Anthropology (5)	3
08	ARBC	1030	Arab Cultures (6)	3
08	ARBC	1101	Introduction to Arabic	4

GOAL	SUBJ	NBR	TITLE	CRHR
08	ARBC	1102	Beginning Arabic II	4
08	ARBC	2201	Intermediate Arabic I	4
08	ART	1040	Introduction to Art (6)	3
08	ART	2180	Art History: Pre-History to the Age of Cathedrals (6)	3
08	ART	2190	Art History: Renaissance to 21st Century Art (6)	3
08	ART	2300	Architectural History (6)	2
08	ASL	1101	American Sign Language I	4
08	ASL	1102	American Sign Language II	4
08	ASL	2201	Intermediate American Sign Language I	4
08	ASL	2202	Intermediate American Sign Language II	4
08	COMM	1310	Intercultural Communication (7)	3
08	COMM	1510	Nonverbal Communication (1)	3
08	COMM	1710	Oral Interpretation and Traditions (1)	3
08	ECON	1060	Principles of Economics Macro (5)	3
08	ENGL	2360	Global Literary Perspectives (6)	3
08	ENGL	2550	Survey of British Literature I (6)	3
08	ENGL	2560	Survey of British Literature II (6)	3
08	ENGL	2580	The Shakespeare's Plays (6)	3
08	GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I (9)	3
08	GCST	1212	The History, Philosophy, and Practice of Traditional Aikido II (9)	3
08	GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III (9)	3
08	GEOG	1040	Human Geography (7)	3
08	GEOG	1100	World Geography	3
08	GEOG	1190	Area Studies (10)	3
08	HIST	1010	World History: Origins to 1300 (5)	3
08	HIST	1020	World History: 1300 to Present (5)	3
08	HIST	1030	Colonial History of the Americas (5)	3
08	HIST	1110	History of Western Civilization Pre 1550 (5)	3
08	HIST	1120	History of Western Civilization 1550 to Present (5)	3
08	HIST	1130	History of the Medieval West (5)	3
08	HIST	1140	History of the Ancient West (5)	3
08	HIST	2500	World Regional History (5)	3
08	MUSC	1220	Survey of Western Music (6)	3
08	MUSC	1300	Music in World Cultures (6)	3
08	MUSC	2170	History of Music I: Medieval Through Classical Eras (6)	3
08	MUSC	2180	History of Music II: Romantic Era to the 21st Century (6)	3
08	PHIL	1010	Introduction to Philosophy (6)	3
08	PHIL	1030	Eastern Religions (6)	3
08	PHIL	1060	Philosophy of Religion (6)	3
08	PHIL	1070	Political Philosophy (9)	3
08	PHIL	1210	Peace Ethics (9)	3
08	POLS	1600	Comparative Politics (5)	3
08	POLS	1700	World Politics (5)	3
08	PSYC	2350	Multicultural Psychology (5)	3
08	SPAN	1030	Spanish and Latin American Culture (6)	3
08	SPAN	1101	Beginning Spanish I	5
08	SPAN	1102	Beginning Spanish II	5
08	SPAN	2201	Intermediate Spanish I	5
08	SPAN	2202	Intermediate Spanish II	5
08	TFT	1260	Introduction to Television (6)	3
08	TFT	1320	World Cinema (6)	3
08	TFT	1710	Oral Interpretation and Traditions (1)	3

Goal Area 9: Ethical and Civic Responsibility
Goal: To develop students' capacity to identify, discuss and reflect upon the ethical dimensions of political, social and personal life and to understand the ways in which they can exercise responsible and productive citizenship. While there are diverse views of social justice or the common good in a pluralistic society, students should learn that responsible citizenship requires them to develop skills to understand their own and others' positions and be part of the free exchange of ideas and function as public-minded citizens.

MnTC approved courses for Goal Area 9:
Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
09	COMM	1610	Introduction to Mass Communication (1)	3
09	COMM	1810	Introduction to Health Communication (1)	3
09	ECON	1050	Economics of Crime (5)	3
09	ENGL	2390	American Working-Class Literature (6)	3

GOAL	SUBJ	NBR	TITLE	CRHR
09	ENGL	2950	Mystery and Detective Fiction (6)	3
09	GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I (8)	3
09	GCST	1212	The History, Philosophy, and Practice of Traditional Aikido II (8)	3
09	GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III (8)	3
09	GCST	1220	Practical Applications of Traditional Aikido (7)	2
09	GCST	1320	Community Organizing (7)	3
09	HIST	2600	Intellectual History (5)	3
09	HIST	2700	History and Popular Culture (5)	3
09	PHIL	1020	Ethics (6)	3
09	PHIL	1070	Political Philosophy (8)	3
09	PHIL	1110	Informal Reasoning for Problem Solving (2)	3
09	PHIL	1200	Environmental Ethics (10)	3
09	PHIL	1210	Peace Ethics (8)	3
09	PHIL	1220	Health Care Ethics (2,6)	3
09	POLS	1100	American Government and Politics (5)	3
09	POLS	1140	State and Local Politics (5)	3
09	SOC	1130	Social Problems/Deviance (7)	3

Goal Area 10: People and the Environment

Goal: To improve students' understanding of today's complex environmental challenges. Students will examine the interrelatedness of human society and the natural environment. Knowledge of both biophysical principles and socio- cultural systems is the foundation for integrative and critical thinking about environmental issues.

MnTC approved courses for Goal Area 10:
Courses that fulfill more than one goal area show the additional goal area in parentheses (#) after course title.

GOAL	SUBJ	NBR	TITLE	CRHR
10	ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory (3)	3
10	ANTH	1130	The Archaeology of Prehistoric Europe (5)	3
10	BIOL	1030	Boundary Waters Canoe Area Field Biology (3)	4
10	BIOL	1160	Global Environment Field Biology (3)	4
10	BIOL	1200	Current Environmental Issues (3)	4
10	BIOL	1600	Biology of Nature Series	1
10	BIOL	1610	Field Ecology (3)	1
10	CHEM	1000	Chemistry and Society (3)	4
10	ENGL	2340	Nature in Literature (6)	3
10	GCST	1030	Introduction to Japanese Culture (6)	3
10	GCST	1040	American Indian Culture – Indigenous Peoples of Minnesota (7)	3
10	GEOG	1010	Physical Geography (3)	3
10	GEOG	1190	Area Studies (8)	3
10	GEOL	1010	Minnesota Field Geology Series: Glacial Geology (3)	2
10	GEOL	1020	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geolog y	2
10	GEOL	1030	Minnesota Field Geology Series: Fluvial Geology (3)	2
10	GEOL	1040	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways (3)	2
10	GEOL	1120	Historical Geology (3)	4
10	GEOL	1150	Boundary Waters Field Geology (3)	4
10	GEOL	1160	Global Environmental Field Geology (3)	4
10	GEOL	1850	Oceanography (3)	3
10	GEOL	1851	Oceanography Lab (3)	1
10	NSCI	1110	Minnesota's Natural History (3)	4
10	PHIL	1200	Environmental Ethics (9)	3

.NET Programming Cert
2016 - 2017

The .NET Programming Certificate provides students with an opportunity to learn .NET application development. It targets students who want to acquire skills needed for .NET programming, web programming, and web site development. It also covers ASP.NET, a technology for creating Web applications. The Certificate's database management course utilizes Microsoft SQL Server.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Web Design:				
CSCI1020	Beginning Web Page Programming *or*	1		
CSCI1025	Responsive Web Design	1		
CSCI1040	Fundamentals of Structured Query Language (SQL)	3		
CSCI1150	Programming in C# for .NET	4		
CSCI2060	Web Programming in ASP.NET	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 13

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and NAtural World, including:

- Designing appealing and functional user interfaces

Intellectual and Practical Skills, including:

- How to program in one of the major .NET computer languages
- How to design and deploy a Web site
- Specifics of programming Internet-based applications and services
- How to porgram ASP.NET-based Web sites utilizing C# language
- How to employ Microsoft SQL Server to process and store the data associated with .NET applications

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Academic English Language Proficiency Cert
2016 - 2017

This certificate recognizes that a student in the ESOL (English for Speakers of Other Languages) program has demonstrated a high level of proficiency in academic English language and literacy skills to support student academic and career success. Students also gain skills for education and employment through the completion of elective courses which support continued development of written, verbal, and technology communication, advancement of international perspectives, and career exploration.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ENGL1201	College Writing I	4		
ESOL1230	College Reading and Studying Skills	4		
ESOL1260	College Writing Skills Development	4		
ESOL1280	Listening and Speaking for College Success	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 6 credits:				
ADEV1000	Career Planning *or*	2		
ADEV1010	Job Seeking Skills *or*	1		
BIOL1230	Medical Terminology I - Basics *or*	1		
BUS1000	Career Planning *or*	2		
BUS1010	Job Seeking Skills *or*	1		
BUS1100	Introduction to Business *or*	3		
BUS1210	Managerial Communication *or*	3		
BUS1700	Introduction to International Business *or*	3		
CIS1000	Electronic Keyboarding Communications *or*	3		
CIS1101	Business Computer Systems I *or*	3		
CIS1200	Word Processing *or*	3		
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1210	Small Group Communication *or*	3		
COMM1310	Intercultural Communication *or*	3		
CSCI1000	Computer Basics *or*	3		
CSCI1020	Beginning Web Page Programming *or*	1		
ENGL1112	College Writing II *or*	3		
ENGL1140	Professional Writing *or*	3		
ENGL1202	College Writing II *or*	2		
ESOL1080	English Pronunciation *or*	2		
GEOG1000	Geography of the United States	2		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
7 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 22

Degree Requirements

2.00 overall GPA for NHCC courses

Note: This program requires a 2.0 minimum grade for courses used by its requirements unless otherwise specified.

Gainful Employment Program Information

[Academic English Language Proficiency (ESOL)](#)

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Compare diverse global perspectives.

Intellectual and Practical Skills:

- Demonstrate advanced proficiency in academic English.
- Develop critical thinking for college and career goals.
- Employ academic skills and active learning strategies.
- Select learning practices according to learning needs.

Personal and Social Responsibility:

- Analyze the effects of one's personal beliefs and experiences on learning.
- Investigate ways to participate on campus and in the community.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C) in each class. A certificate shall include 9 to 32 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and [www.bls.gov.](http://www.bls.gov)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Accounting AS
2016 - 2017

An Accountant examines, analyzes and interprets accounting data for the purpose of giving advice and preparing financial statements. Duties may include performing such activities as recording receipts and disbursements, and preparing state and federal reports. The accountant may prepare reports and financial statements electronically.

North Hennepin Community College offers this degree for students who are interested in transferring their credits to earn a baccalaureate degree at a four-year institution. The courses from this program are delivered in the classroom and/or online.

NHCC also offers an Associate in Applied Science (A.A.S.) degree in Accounting for students who are interested in moving directly into an accounting career.

The Associate of Science in Accounting is designed to articulate to:

- Concordia University at St. Paul B.B.A. in Accounting degree
- Metropolitan State University B.S. in Accounting degree
- Minnesota State University Moorhead B.S. in Project Management
- University of Minnesota at Crookston B.S. in Accounting degree

Program Courses: Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
ACCT2112	Managerial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1200	Principles of Management	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Courses: Accounting Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2230	Computerized Accounting with QuickBooks	3		
ACCT2300	Accounting Capstone	4		
CIS1220	Decision Making Excel	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
ENGL1202	College Writing II	2		
PSYC1150 or SOC1110 - 1 course:				
PSYC1150	General Psychology *or*	3		
SOC1110	Introduction to Sociology	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[2]				
MnTC Electives - 6 additional credits for a total of 12 MnTC credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- The theory and practice of the accounting process

Intellectual and Practical Skills:

- How to analyze financial information and make business decisions using critical thinking and problem solving skills
- How to communicate effectively, in oral and written forms

Personal and Social Responsibility and Engagement:

- How to evaluate professional responsibilities, including ethical issues

Integrative and Applied Learning:

- Use of technology including Microsoft Word, Excel and PowerPoint

Upon completion of the program the student will be prepared to transfer to a baccalaureate program.

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and [www.bls.gov.](http://www.bls.gov)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

3. MnTC Electives - 6 additional credits for a total of 12 MnTC credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Accounting Technology AAS
2016 - 2017

An Accountant examines, analyzes and interprets accounting data for the purpose of giving advice and preparing financial statements. Duties may include performing such activities as recording receipts and disbursements, and preparing state and federal reports. The accountant may prepare reports and financial statements electronically.

North Hennepin Community College offers this degree for students who are interested in moving directly into an accounting career.

NHCC also offers an Associate in Science A.S. degree in Accounting for students who are interested in transferring their credits to earn a baccalaureate degree at a four-year institution.

The Associate of Applied Science in Accounting is designed to articulate to:

- Minnesota State Moorhead B.S. in Project Management

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1200	Principles of Management	3		
BUS1300	Legal Environment of Business	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		
CIS1260	Business Communications and Technology	3		

Program Courses - Accounting Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2112	Managerial Accounting	4		
ACCT2230	Computerized Accounting with QuickBooks	3		
ACCT2250	Small Business Payroll	2		
ACCT2260	Small Business Income Taxes	2		
ACCT2300	Accounting Capstone	4		
CIS1220	Decision Making Excel	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives from at least 3 MnTC Goal Areas[1]				
(The MnTC Electives selected must total a minimum of 8 credits.)[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- The theory and practice of the accounting process
- Basic knowledge of business taxation and payroll

Intellectual and Practical Skills:

- How to analyze financial information and make business decisions using critical thinking and problem solving skills
- How to communicate effectively, in oral and written forms

Personal and Social Responsibility and Engagement:

- How to evaluate professional responsibilities, including ethical issues

Integrative and Applied Learning:

- Use of technology including Microsoft Word, Excel and QuickBooks

Upon completion of the program the student will prepared for entry level work in the accounting field. Courses in this degree may transfer to four-year colleges. Consult with an advisor for further information.

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives from at least 3 MnTC Goal Areas: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. (The MnTC Electives selected must total a minimum of 8 credits.): AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

American Sign Language Cert
2016 - 2017

The purpose of the American Sign Language (ASL) Certificate is to provide training for students who wish to learn basic American Sign Language and understand Deaf Culture. This certificate is appropriate for students who are planning to enter or are currently employed in all areas of customer relations. Students who complete this certificate will be in a position to use basic communication with colleagues or customers who are ASL users. This program will not prepare students to become interpreters.

Upon completion of this program, a student will be able to communicate with Deaf and Hard of hearing people on a basic level in American Sign Language, including the use of fingerspelling numbers, signs and grammar structures. Students who earn this certificate may choose to continue their studies in an Interpreting Program for ASL.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ASL1101	American Sign Language I	4		
ASL1102	American Sign Language II	4		
ASL1300	Deaf Culture	3		
ASL1400	Fingerspelling and Numbers	3		
ASL2201	Intermediate American Sign Language I	4		
ASL2202	Intermediate American Sign Language II	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
7 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 22

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

[American Sign Language (ASL)](#)

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds of the Deaf and Hard of Hearing along with overall individual well-being by:

- Articulating an awareness and understanding of Deaf Culture and the unique qualities of deafness as an American Linguistic minority.

Develop Intellectual and Practical Skills, including:

- Demonstrating basic conversational skills and use of appropriate American Sign Language grammar structures, vocabulary, finger spelling and numbers.
- Effectively communicating with Deaf and Hard of Hearing people in American Sign Language in a variety of settings i.e. work, grocery store, church, etc.

Demonstrate Personal and Social Responsibility, including:

- Analyzing individual approaches to American Sign Language and make appropriate choices within various contexts involved.

Integrative Learning:

- Analyzing, comparing, and contrasting different perspectives of the Deaf Community.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C) in each class. Students must complete ENGL 1201 at North Hennepin Community College. A certificate shall include 9 to 32 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Application Programming Cert
2016 - 2017

The Application Programming Certificate helps students to build and develop an understanding for designing, coding, testing and debugging applications in various programming languages.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Courses - 12 credits:				
CSCI1120	Programming in C/C++ *or*	4		
CSCI1130	Introduction to Programming in Java *or*	4		
CSCI1150	Programming in C# for .NET *or*	4		
CSCI2001	Structure of Computer Programming I *or*	4		
CSCI2002	Structure of Computer Programming II *or*	4		
CSCI2020	Machine Architecture and Organization *or*	4		
CSCI2060	Web Programming in ASP.NET	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 12

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, including:

- Writing programs to handle a specific job, such as a program to track inventory within an organization.

Intellectual and Practical Skills, including:

- Revising existing software to improve performance.
- Customizing generic applications for specific tasks.
- Writing custom web applications.
- Differentiating requirements of application programming from system programming.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Associate in Arts - Liberal Arts AA / MNTC
2016 - 2017

The Associate in Arts (A.A.) is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year-college by following the pre-major requirements of the desired transfer institution.

Goal Area 1: Communication

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
Communication - 1 course, 3 credits:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1210	Small Group Communication *or*	3		
COMM1410	Human Communication Theory *or*	3		
COMM1510	Nonverbal Communication *or*	3		
COMM1610	Introduction to Mass Communication *or*	3		
COMM1710	Oral Interpretation and Traditions *or*	3		
COMM1810	Introduction to Health Communication *or*	3		
COMM1910	Argumentation and Public Advocacy *or*	3		
TFT1710	Oral Interpretation and Traditions	3		

Goal Area 2: Critical Thinking

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Completion of the MnTC fulfills Goal Area 2 Critical Thinking:				
COMM1910	Argumentation and Public Advocacy *or*	3		
MATH1090	Statway Statistics II *or*	4		
PHIL1110	Informal Reasoning for Problem Solving *or*	3		
PHIL1220	Health Care Ethics	3		

Goal Area 3: Natural Science

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course:				
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory *or*	3		
BIOL1000	Life Science *or*	4		
BIOL1001	Biology I *or*	4		
BIOL1002	Biology II *or*	4		
BIOL1030	Boundary Waters Canoe Area Field Biology *or*	4		
BIOL1101	Principles of Biology I *or*	4		
BIOL1102	Principles of Biology II *or*	4		
BIOL1120	Human Biology *or*	3		
BIOL1130	Human Biology with a Lab *or*	4		
BIOL1140	Introduction to Human Genetics and Origins *or*	4		
BIOL1160	Global Environment Field Biology *or*	4		
BIOL1200	Current Environmental Issues *or*	4		
BIOL1350	Biology of Women *or*	3		
BIOL1360	Biology of Women with a Lab *or*	4		
BIOL1610	Field Ecology *or*	1		
BIOL1650	Human Biology Series *or*	1		
BIOL2020	Animal Biology *or*	4		
BIOL2030	Plant Biology *or*	4		
BIOL2100	Microbiology *or*	4		

BIOL2111	Human Anatomy and Physiology I *or*	4		
BIOL2112	Human Anatomy and Physiology II *or*	4		
CHEM1000	Chemistry and Society *or*	4		
CHEM1010	Introduction to Chemistry *or*	4		
CHEM1030	Introduction to Physical Sciences *or*	4		
CHEM1061	Principles of Chemistry I *or*	4		
CHEM1062	Principles of Chemistry II *or*	4		
GEOG1010	Physical Geography *or*	3		
GEOL1010	Minnesota Field Geology Series: Glacial Geology *or*	2		
GEOL1020	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology *or*	2		
GEOL1030	Minnesota Field Geology Series: Fluvial Geology *or*	2		
GEOL1040	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways *or*	2		
GEOL1110	Physical Geology *or*	4		
GEOL1120	Historical Geology *or*	4		
GEOL1130	Rocky Mountain Field Study *or*	4		
GEOL1150	BWCA Field Geology *or*	4		
GEOL1160	Global Environmental Field Geology *or*	4		
GEOL1850	Oceanography *or*	3		
GEOL1851	Oceanography Lab *or*	1		
NSCI1000	Conceptual Physics *or*	4		
NSCI1010	Science of Disaster Workshop I *or*	1		
NSCI1020	Science of Disaster Workshop II *or*	1		
NSCI1030	Science of Disaster Workshop III *or*	1		
NSCI1050	Astronomy *or*	4		
NSCI1060	The Solar System *or*	3		
NSCI1061	Solar System Lab *or*	1		
NSCI1070	Concepts of the Stars and Universe *or*	3		
NSCI1071	Stars and the Universe Lab *or*	1		
NSCI1110	Minnesota's Natural History *or*	4		
NSCI1120	Meteorology *or*	4		
PHYS1000	Conceptual Physics *or*	4		
PHYS1030	Introduction to Physical Sciences *or*	4		
PHYS1050	Astronomy *or*	4		
PHYS1060	The Solar System *or*	3		
PHYS1061	Solar System Lab *or*	1		
PHYS1070	Concepts of the Stars and Universe *or*	3		
PHYS1071	Stars and the Universe lab *or*	1		
PHYS1120	Meteorology *or*	4		
PHYS1140	Energy Aspects of Our Physical Environment *or*	3		
PHYS1201	Principles of Physics I *or*	5		
PHYS1202	Principles of Physics II *or*	5		
PHYS1400	The Solar System *or*	3		
PHYS1410	Solar System Lab *or*	1		
PHYS1450	Concepts of the Stars and Universe *or*	3		
PHYS1460	Concepts of the Stars and Universe Lab *or*	1		
PHYS1601	General Physics I *or*	5		
PHYS1602	General Physics II	5		
Lab Courses[3]				

Goal Area 4: Mathematical/Logical Reasoning

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Mathematical/Logical Reasoning - 1 course, at least 3 credits:				
MATH1010	Survey of Mathematics *or*	3		
MATH1080	Technical Mathematics *or*	3		
MATH1090	Statway Statistics II *or*	4		
MATH1130	Elementary Statistics *or*	3		
MATH1140	Finite Mathematics *or*	3		
MATH1150	College Algebra *or*	3		
MATH1160	Pre-Calculus *or*	4		
MATH1170	Pre-Calculus *or*	4		
MATH1180	College Algebra and Pre-Calculus *or*	5		
MATH1190	Elementary Functions *or*	5		
MATH1200	Calculus Survey *or*	3		
MATH1221	Calculus I *or*	5		
MATH1222	Calculus II *or*	5		
MATH2010	Probability and Statistics *or*	3		
MATH2220	Calculus III *or*	5		
MATH2300	Linear Algebra *or*	3		
MATH2400	Differential Equations *or*	3		
PHIL1050	Introduction to Logic	3		

Goal Area 5: History and the Social and Behavioral Sciences

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
History and the Social and Behavioral Sciences - 3 courses, 9 credits:				
ANTH1010	Introduction to Anthropology: Cultural Anthropology *or*	3		
ANTH1130	The Archaeology of Ancient Europe *or*	3		
ANTH1140	Anthropology of Religion *or*	3		
ECON1050	Economics of Crime *or*	3		
ECON1060	Principles of Economics Macro *or*	3		
ECON1070	Principles of Economics Micro *or*	3		
HIST1010	World History: Origins to 1300 *or*	3		
HIST1020	World History: 1300 to Present *or*	3		
HIST1030	Colonial History of the Americas *or*	3		
HIST1110	History of Western Civilization Pre 1550 *or*	3		
HIST1120	History of Western Civilization 1550 to Present *or*	3		
HIST1130	History of the Medieval West *or*	3		
HIST1140	History of the Ancient West *or*	3		
HIST1200	History of United States Through 1877 *or*	3		
HIST1210	History of the United States Since 1877 *or*	3		
HIST1220	American Colonial History *or*	3		
HIST1240	History of the American West *or*	3		
HIST1270	Race in America *or*	3		
HIST1700	History and Popular Culture *or*	3		
HIST1800	History of Minnesota *or*	3		
HIST1900	Family History Research Methods *or*	1		
HIST2500	World Regional History *or*	3		
HIST2600	Intellectual History *or*	3		
HIST2700	History and Popular Culture *or*	3		
POLS1100	American Government and Politics *or*	3		
POLS1140	State and Local Politics *or*	3		
POLS1600	Comparative Politics *or*	3		
POLS1700	World Politics *or*	3		
POLS2130	Constitutional Law *or*	3		

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PSYC1110	Psychology of Adjustment *or*	3		
PSYC1150	General Psychology *or*	3		
PSYC1160	Introduction to Psychology *or*	4		
PSYC1165	Psychology of Adjustment *or*	3		
PSYC1170	Psychology of Gender *or*	3		
PSYC1210	Child Development *or*	3		
PSYC1220	Adult Development *or*	3		
PSYC1250	Life Span Developmental Psychology *or*	4		
PSYC2110	Principles of Social Psychology *or*	3		
PSYC2320	Abnormal Psychology *or*	3		
PSYC2330	Personality *or*	3		
PSYC2340	Human Sexuality *or*	3		
PSYC2350	Multicultural Psychology *or*	3		
SOC1110	Introduction to Sociology *or*	3		
SOC1710	Introduction to Criminal Justice *or*	3		
SOC1750	Families in Crisis *or*	3		
SOC2110	Principles of Social Psychology *or*	3		
SOC2200	Family Violence *or*	3		
SOC2210	Minority Groups *or*	3		
SOC2410	Women in Global Perspectives *or*	3		
SOC2730	Introduction to Corrections	3		

Goal Area 6: The Humanities and Fine Arts

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Humanities and Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines:				
AMST1010	Women in American Society I *or*	3		
AMST1020	Women in American Society II *or*	3		
AMST2210	American Studies Topics I *or*	3		
AMST2220	American Studies Topics II *or*	3		
ARBC1030	Arab Cultures *or*	3		
ART1040	Introduction to Art *or*	3		
ART1101	Photography I *or*	3		
ART1102	Photography II *or*	3		
ART1160	Digital Photography *or*	3		
ART1170	Advanced Photography *or*	3		
ART1270	Digital Video Production *or*	3		
ART1301	Two Dimensional Design I *or*	3		
ART1302	Two Dimensional Design II *or*	3		
ART1310	Three Dimensional Design *or*	3		
ART1320	Introduction to Sculpture *or*	3		
ART1340	Fundamentals of Color *or*	3		
ART1341	Fundamentals of Color I *or*	3		
ART1361	Ceramics I *or*	3		
ART1362	Ceramics II *or*	3		
ART1401	Drawing I *or*	3		
ART1402	Drawing II *or*	3		
ART1770	Quilt Arts *or*	3		
ART1810	Studio Art Workshop *or*	1		
ART1820	Studio Art Workshop *or*	2		
ART2180	Art History: Pre-History to the Age of Cathedrals *or*	3		
ART2190	Art History: Renaissance to 21st Century Art *or*	3		
ART2300	Architectural History *or*	2		
ART2611	Painting I *or*	3		
ART2612	Painting II *or*	3		
ART2640	Watercolor *or*	3		

ART2740	Jewelry Workshop *or*	1		
ART2750	Ceramics Workshop *or*	1		
ART2780	Quiltmaking Workshop *or*	1		
ART2781	Quiltmaking Workshop I *or*	1		
ART2782	Quiltmaking Workshop II *or*	1		
ART2800	Painting Workshop *or*	1		
ART2820	Drawing Workshop *or*	1		
ART2860	Photography Workshop *or*	1		
ART2900	Studio Arts Capstone Practicum *or*	1		
ART2970	Art Appreciation Field Trip *or*	1		
ENGL1150	Introduction to Literature *or*	3		
ENGL1250	Magazine Workshop *or*	2		
ENGL1400	Reading Poetry *or*	3		
ENGL1450	Reading Plays *or*	3		
ENGL1900	Introduction to Creative Writing *or*	3		
ENGL1950	Graphic Novels *or*	3		
ENGL2010	Writing Creative Non-Fiction and Memoir *or*	3		
ENGL2020	Writing Stories *or*	3		
ENGL2030	Writing Poetry *or*	3		
ENGL2270	Modern American Literature *or*	3		
ENGL2300	Children's Literature *or*	3		
ENGL2310	American Short Story *or*	3		
ENGL2320	Writing: From Structure to Style *or*	3		
ENGL2330	Hmong American Literature *or*	3		
ENGL2340	Nature in Literature *or*	3		
ENGL2350	Women and Literature *or*	3		
ENGL2360	Global Literary Perspectives *or*	3		
ENGL2370	African American Literature *or*	3		
ENGL2380	American Indian Literature *or*	3		
ENGL2390	American Working-Class Literature *or*	3		
ENGL2450	Survey of American Literature I *or*	3		
ENGL2460	Survey of American Literature II *or*	3		
ENGL2500	Playwrighting *or*	3		
ENGL2550	Survey of British Literature I *or*	3		
ENGL2560	Survey of British Literature II *or*	3		
ENGL2580	Shakespeare's Plays *or*	3		
ENGL2590	Shakespeare Plays II *or*	3		
ENGL2900	Fantasy Literature *or*	3		
ENGL2950	Mystery and Detective Fiction *or*	3		
GCST1030	Introduction to Japanese Culture *or*	3		
GERM1030	Culture of the German-Speaking Countries *or*	3		
INTD1030	Introduction to Japanese Culture *or*	3		
MUSC1130	College Choir *or*	1		
MUSC1160	Large Instrumental Ensemble *or*	1		
MUSC1170	Instrumental Jazz Ensemble *or*	1		
MUSC1180	Small Group Performance Ensemble *or*	1		
MUSC1200	Fundamentals of Music *or*	3		
MUSC1220	Survey of Western Music *or*	3		
MUSC1241	Music Theory I *or*	3		
MUSC1242	Music Theory II *or*	3		
MUSC1300	Music in World Cultures *or*	3		
MUSC1320	Applied Music Guitar *or*	1		
MUSC1350	History of Rock 'n Roll *or*	3		
MUSC1500	Class Guitar *or*	2		
MUSC1501	Class Guitar I *or*	2		
MUSC1502	Class Guitar II *or*	2		

MUSC1510	Applied Music: Guitar *or*	1		
MUSC1560	Class Guitar *or*	1		
MUSC1600	Class Voice *or*	2		
MUSC1610	Applied Music: Voice *or*	1		
MUSC1800	Class Piano *or*	2		
MUSC1801	Class Piano I *or*	2		
MUSC1802	Class Piano II *or*	2		
MUSC1810	Applied Music: Piano *or*	1		
MUSC1830	Applied Music: Strings *or*	1		
MUSC1850	Applied Music: Percussion *or*	1		
MUSC1860	Applied Music: Brass *or*	1		
MUSC1870	Applied Music: Woodwinds *or*	1		
MUSC2010	Advanced Applied Music Lessons *or*	2		
MUSC2170	History of Music I: Medieval Through Classical Eras *or*	3		
MUSC2180	History of Music II: Romantic Era to the 21st Century *or*	3		
MUSC2241	Music Theory III *or*	3		
MUSC2242	Music Theory IV *or*	3		
MUSC2970	Music Appreciation Field Trip *or*	1		
PHIL1010	Introduction to Philosophy *or*	3		
PHIL1020	Ethics *or*	3		
PHIL1030	Eastern Religions *or*	3		
PHIL1040	Western Religions *or*	3		
PHIL1060	Philosophy of Religion *or*	3		
PHIL1220	Health Care Ethics *or*	3		
SPAN1030	Spanish and Latin American Culture *or*	3		
SPAN2201	Intermediate Spanish I *or*	5		
SPAN2202	Intermediate Spanish II *or*	5		
TFT1200	Theatre in the Twin Cities *or*	3		
TFT1210	Introduction to Theatre *or*	3		
TFT1250	Introduction to Film *or*	3		
TFT1260	Introduction to Television *or*	3		
TFT1270	Digital Video Production *or*	3		
TFT1280	Introduction to Screenwriting *or*	3		
TFT1290	Design for Theatre *or*	3		
TFT1310	American Cinema *or*	3		
TFT1320	World Cinema *or*	3		
TFT1350	The American Musical Theatre *or*	3		
TFT1500	Acting I: Improvisation and Foundations *or*	3		
TFT1510	Foundations of Acting: Stage Movement and Voice *or*	3		
TFT1520	Acting II: Building Characters *or*	3		
TFT1531	Stage Combat I *or*	3		
TFT1532	Stage Combat II *or*	3		
TFT1540	Acting for the Camera *or*	3		
TFT1600	Theatre Practicum: Performance *or*	1		
TFT1610	Theatre Practicum: Technical *or*	1		
TFT2010	Fundamentals of Directing *or*	3		
TFT2500	Playwrighting *or*	3		
TFT2950	Theatre Appreciation Field Trip	1		

Goal Area 7: Human Diversity

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Human Diversity - 1 course:				
AMST1010	Women in American Society I *or*	3		

AMST1020	Women in American Society II *or*	3		
AMST2210	American Studies Topics I *or*	3		
AMST2220	American Studies Topics II *or*	3		
ANTH1140	Anthropology of Religion *or*	3		
ASL1300	Deaf Culture *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1310	Intercultural Communication *or*	3		
ENGL1450	Reading Plays *or*	3		
ENGL2300	Children's Literature *or*	3		
ENGL2320	Writing: From Structure to Style *or*	3		
ENGL2330	Hmong American Literature *or*	3		
ENGL2350	Women and Literature *or*	3		
ENGL2370	African American Literature *or*	3		
ENGL2380	American Indian Literature *or*	3		
ENGL2450	Survey of American Literature I *or*	3		
ENGL2460	Survey of American Literature II *or*	3		
ENGL2900	Fantasy Literature *or*	3		
GCST1040	American Indian Culture - Indigenous Peoples of Minnesota *or*	3		
GCST1220	Practical Applications of Traditional Aikido *or*	2		
GCST1320	Community Organizing *or*	3		
GEOG1000	Geography of the United States *or*	2		
GEOG1040	Human Geography *or*	3		
HIST1200	History of United States Through 1877 *or*	3		
HIST1210	History of the United States Since 1877 *or*	3		
HIST1220	American Colonial History *or*	3		
HIST1240	History of the American West *or*	3		
HIST1270	Race in America *or*	3		
INTD1040	American Indian Culture - Indigenous Peoples of Minnesota *or*	3		
PHIL1040	Western Religions *or*	3		
PSYC1165	Psychology of Adjustment *or*	3		
PSYC1170	Psychology of Gender *or*	3		
PSYC2110	Principles of Social Psychology *or*	3		
PSYC2340	Human Sexuality *or*	3		
SOC1110	Introduction to Sociology *or*	3		
SOC1130	Social Problems/Deviance *or*	3		
SOC2110	Principles of Social Psychology *or*	3		
SOC2210	Minority Groups *or*	3		
TFT1210	Introduction to Theatre *or*	3		
TFT1310	American Cinema *or*	3		
TFT1350	The American Musical Theatre	3		

Goal Area 8: Global Perspective

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Global Perspective - 1 course:				
ANTH1010	Introduction to Anthropology: Cultural Anthropology *or*	3		
ARBC1030	Arab Cultures *or*	3		
ARBC1101	Introduction to Arabic *or*	4		
ARBC1102	Beginning Arabic II *or*	4		
ARBC2201	Intermediate Arabic I *or*	4		
ART1040	Introduction to Art *or*	3		
ART2180	Art History: Pre-History to the Age of Cathedrals *or*	3		
ART2190	Art History: Renaissance to 21st Century Art *or*	3		
ART2300	Architectural History *or*	2		
ASL1101	American Sign Language I *or*	4		
ASL1102	American Sign Language II *or*	4		
ASL2201	Intermediate American Sign Language I *or*	4		
ASL2202	Intermediate American Sign Language II *or*	4		
COMM1310	Intercultural Communication *or*	3		
COMM1510	Nonverbal Communication *or*	3		
COMM1710	Oral Interpretation and Traditions *or*	3		
ECON1060	Principles of Economics Macro *or*	3		
ENGL2360	Global Literary Perspectives *or*	3		
ENGL2550	Survey of British Literature I *or*	3		
ENGL2560	Survey of British Literature II *or*	3		
ENGL2580	Shakespeare's Plays *or*	3		
ENGL2590	Shakespeare Plays II *or*	3		
GCST1210	The History, Philosophy, and Practice of Traditional Aikido *or*	3		
GCST1211	The History, Philosophy, and Practice of Traditional Aikido I *or*	3		
GCST1212	The History, Philosophy and Practice of Traditional Aikido II *or*	3		
GCST1213	The History, Philosophy, and Practice of Traditional Aikido III *or*	3		
GEOG1040	Human Geography *or*	3		
GEOG1100	World Geography *or*	3		
GEOG1190	Area Studies *or*	3		
GERM1030	Culture of the German-Speaking Countries *or*	3		
HIST1010	World History: Origins to 1300 *or*	3		
HIST1020	World History: 1300 to Present *or*	3		
HIST1030	Colonial History of the Americas *or*	3		
HIST1110	History of Western Civilization Pre 1550 *or*	3		
HIST1120	History of Western Civilization 1550 to Present *or*	3		
HIST1130	History of the Medieval West *or*	3		
HIST1140	History of the Ancient West *or*	3		
HIST2500	World Regional History *or*	3		
HUM1210	Eastern Religions *or*	3		
INTD1210	The History, Philosophy, and Practice of Traditional Aikido *or*	3		
INTD1211	The History, Philosophy, and Practice of Traditional Aikido I *or*	3		
INTD1212	The History, Philosophy and Practice of Traditional Aikido II *or*	3		
MUSC1220	Survey of Western Music *or*	3		
MUSC1300	Music in World Cultures *or*	3		

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MUSC2170	History of Music I: Medieval Through Classical Eras *or*	3		
MUSC2180	History of Music II: Romantic Era to the 21st Century *or*	3		
PHIL1010	Introduction to Philosophy *or*	3		
PHIL1030	Eastern Religions *or*	3		
PHIL1060	Philosophy of Religion *or*	3		
PHIL1070	Political Philosophy *or*	3		
PHIL1210	Peace Ethics *or*	3		
POLS1600	Comparative Politics *or*	3		
POLS1700	World Politics *or*	3		
PSYC2350	Multicultural Psychology *or*	3		
SOC2410	Women in Global Perspectives *or*	3		
SPAN1030	Spanish and Latin American Culture *or*	3		
SPAN1101	Beginning Spanish I *or*	5		
SPAN1102	Beginning Spanish II *or*	5		
SPAN2201	Intermediate Spanish I *or*	5		
SPAN2202	Intermediate Spanish II *or*	5		
TFT1260	Introduction to Television *or*	3		
TFT1320	World Cinema *or*	3		
TFT1710	Oral Interpretation and Traditions	3		

Goal Area 9: Ethical and Civic Responsibility

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Ethical and Civic Responsibility - 1 course:				
COMM1610	Introduction to Mass Communication *or*	3		
COMM1810	Introduction to Health Communication *or*	3		
ECON1050	Economics of Crime *or*	3		
ENGL2390	American Working-Class Literature *or*	3		
ENGL2950	Mystery and Detective Fiction *or*	3		
GCST1210	The History, Philosophy, and Practice of Traditional Aikido *or*	3		
GCST1211	The History, Philosophy, and Practice of Traditional Aikido I *or*	3		
GCST1212	The History, Philosophy and Practice of Traditional Aikido II *or*	3		
GCST1213	The History, Philosophy, and Practice of Traditional Aikido III *or*	3		
GCST1220	Practical Applications of Traditional Aikido *or*	2		
GCST1320	Community Organizing *or*	3		
HIST1700	History and Popular Culture *or*	3		
HIST2600	Intellectual History *or*	3		
HIST2700	History and Popular Culture *or*	3		
INTD1210	The History, Philosophy, and Practice of Traditional Aikido *or*	3		
INTD1211	The History, Philosophy, and Practice of Traditional Aikido I *or*	3		
INTD1212	The History, Philosophy and Practice of Traditional Aikido II *or*	3		
PHIL1020	Ethics *or*	3		
PHIL1070	Political Philosophy *or*	3		
PHIL1110	Informal Reasoning for Problem Solving *or*	3		
PHIL1200	Environmental Ethics *or*	3		
PHIL1210	Peace Ethics *or*	3		
PHIL1220	Health Care Ethics *or*	3		
POLS1100	American Government and Politics *or*	3		
POLS1140	State and Local Politics *or*	3		

SOC1130	Social Problems/Deviance	3		

Goal Area 10: People and the Environment

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
People and the Environment - 1 course:				
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory *or*	3		
ANTH1130	The Archaeology of Ancient Europe *or*	3		
BIOL1030	Boundary Waters Canoe Area Field Biology *or*	4		
BIOL1160	Global Environment Field Biology *or*	4		
BIOL1200	Current Environmental Issues *or*	4		
BIOL1600	Biology of Nature Series *or*	1		
BIOL1610	Field Ecology *or*	1		
CHEM1000	Chemistry and Society *or*	4		
ENGL2340	Nature in Literature *or*	3		
GCST1030	Introduction to Japanese Culture *or*	3		
GCST1040	American Indian Culture - Indigenous Peoples of Minnesota *or*	3		
GEOG1010	Physical Geography *or*	3		
GEOG1190	Area Studies *or*	3		
GEOL1010	Minnesota Field Geology Series: Glacial Geology *or*	2		
GEOL1020	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology *or*	2		
GEOL1030	Minnesota Field Geology Series: Fluvial Geology *or*	2		
GEOL1040	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways *or*	2		
GEOL1120	Historical Geology *or*	4		
GEOL1150	BWCA Field Geology *or*	4		
GEOL1160	Global Environmental Field Geology *or*	4		
GEOL1850	Oceanography *or*	3		
GEOL1851	Oceanography Lab *or*	1		
INTD1030	Introduction to Japanese Culture *or*	3		
INTD1040	American Indian Culture - Indigenous Peoples of Minnesota *or*	3		
NSCI1110	Minnesota's Natural History *or*	4		
PHIL1200	Environmental Ethics	3		

MnTC Note

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
40 Credits from ALL MNTC Courses: Goal Areas 1-10[1]				
2.00 GPA required for MnTC courses				

Health Requirement

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course[2]				

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Elective credits, excluding under 1000 level, to reach 60 credits:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 GPA required for MnTC courses
2.00 overall GPA for NHCC courses

Degree Information

The Associate of Arts (A.A.) is awarded for successful completion of 60 credits and is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirement of the desired transfer institution in addition to the MnTC and A.A. requirements.

A student shall:

- Earn a minimum of 60 semester credits.
- Earn a grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- Earn a minimum of 20 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
- Complete the general education distribution requirement listed in the Minnesota Transfer Curriculum. The student shall select general education (MnTC) courses numbered 1000 or above to complete a minimum of 40 credits.
- Have four years in which to complete their work under the terms of the catalog in effect at the time of their first enrollment.
- Students taking more than four years to complete their graduation requirements may follow any catalog in effect during the four-year period preceding their date of graduation.

Required A.A. Degree Course Distribution:

- Complete 40 credits in the Minnesota Transfer Curriculum satisfying the requirements for each of the 10 goal areas.
- Complete at least 4 credits for the Wellness requirement with at least one course from each of the following areas: Health (all courses) and Physical Education (all courses).
- Complete 16 elective credits selected from all courses listed in the College's offerings, which are numbered 1000 or higher.

Completion of an A.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Note: Courses can satisfy more than one goal area, however, credits may only be counted once toward the 60 credit minimum.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being.

Develop intellectual and practical skills, including:

- understanding the commonalities and diversity of the human experience, values, and opinions
- understanding the forms of artistic expression and their inherent creative processes
- thinking critically, applying systematic reasoning, and developing information management quantitative skills
- communicating clearly and effectively

Demonstrate personal and social responsibility, including:

- developing a code for personal and civic life as a responsible citizen in a democracy
- maintaining good mental and physical health and social adjustment
- seeking new knowledge independently

Integrative and applied learning, including:

- the ability to apply General Education to the issues of our times

Be prepared to transfer to, and succeed, at an upper-level academic institution.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. 40 Credits from ALL MNTC Courses: Goal Areas 1-10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1)

3. Lab Courses: BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1101(4), BIOL1102(4), BIOL1130(4), BIOL1200(4), BIOL1360(4), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1851(1), NSCI1000(4), NSCI1050(4), NSCI1061(1), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1061(1), PHYS1071(1), PHYS1120(4), PHYS1130(4), PHYS1201(5), PHYS1202(5), PHYS1410(1), PHYS1460(1), PHYS1601(5), PHYS1602(5)

Biology AS
2016 - 2017

The Biology program is designed to provide students with a solid foundation in the biological sciences, and a package of courses that will allow them to transfer to most baccalaureate institution biology programs as third-year students. The program also prepares graduates to work in the laboratory settings in the biological and related scientific fields.

The Associate of Science in Biology is designed to articulate to:

- Bemidji State University B.S. in Biology
- Minnesota State University Moorhead B.A. in Biology
- Northwestern Health Sciences University B.S. in Human Biology

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1101	Principles of Biology I (minimum grade 1.67)	4		
BIOL1102	Principles of Biology II (minimum grade 1.67)	4		
BIOL2020	Animal Biology	4		
BIOL2030	Plant Biology	4		
CHEM2061	Organic Chemistry I (minimum grade 1.67)	5		
CHEM2062	Organic Chemistry II	5		
PHYS1201	Principles of Physics I	5		
PHYS1202	Principles of Physics II	5		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4		
CHEM1062	Principles of Chemistry II (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
MATH1130	Elementary Statistics	3		
MATH1170	Pre-Calculus	4		
SOC1110	Introduction to Sociology	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

Under some circumstances, students may substitute Biology 1001 for Biology 1101 if the appropriate chemistry and mathematics prerequisites are met prior to enrolling in Biology 1102. Students who have completed Biology 1001 and 1002 under the previous NHCC course numbering system may substitute these courses for Biology 1101/1102.

Students may substitute Physics 1601/1602 to fulfill the 1201/1202 requirement. Students planning to transfer to a BA/BS program are advised to consult the physics requirements of the program and institution to which transfer is planned.

Students may substitute Math 1221 for Math 1170 to fulfill this requirement. Students planning to transfer to a BA/BS program are advised to consult the mathematics requirements of the program and institution to which transfer is planned.

Students may substitute Math 1222 for Math 1130 to fulfill this requirement. Students planning to transfer to a BA/BS program are advised to consult the mathematics requirements of the program and institution to which transfer is planned.

*Credit total may increase if other mathematics courses are substituted.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being, emphasizing:

- The understanding of fundamental principles of cellular mechanisms, metabolism, molecular and organismal genetics, ecology, biodiversity, and evolutionary principles
- Development of an integrated awareness of the role biology in the fields of agriculture, medicine, commerce, culture, and other human endeavors.
- Preparation of graduates for advanced studies in the biological sciences and other technical and scientific academic programs.

Develop intellectual and practical skills, including:

- The methods of scientific discovery and problem solving
- Critical thinking and analysis of data
- The fundamental techniques in field and laboratory settings of biology
- The process of writing and presenting scientific findings to an audience of peers

Demonstrate personal and social responsibility, including:

- Effectively working as a collaborative team member
- An understanding of scientific ethics and the importance of integrity
- The ability to independently find, study, and learn new information
- The importance of the scientific endeavor in society and culture

Integrative learning, including:

- Using the methods and skills of science (e.g. statistical analysis) to help solve relevant problems in other fields
- Incorporating writing, mathematics, and social awareness into the understanding of biology

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Building Inspection Technology Cert
2016 - 2017

This accelerated certificate program provides students the foundational knowledge to pursue a career in construction code enforcement or for existing professionals to upgrade their skills. The courses meet one night a week and the program can be completed in two semesters. Successful completion of the Building Inspection Technology Certificate gives students the required training and points to take the State of Minnesota's Certified Building Official-Limited exam.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIT1050	Foundations of Construction Codes and Inspections	3		
BIT1150	Residential Plan Review and Field Inspections	4		
BIT1250	Commercial Plan Review and Field Inspections	4		
BIT1900	Legal and Administrative Aspects of Construction Codes	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 14

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Understand the purpose and intent of construction codes.

Personal and Social Responsibility, including:

- Apply building codes and referenced standards to construction projects.

Integrative Learning, including:

- Perform inspections and plan reviews on both residential and commercial construction projects.
- Prepare for and take the Minnesota Building Official- Limited exam

Gainful Employment Program Information

Building Inspection Technology and Building Permit Technician

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Business Administration AS
2016 - 2017

The Associate in Science degree in Business Administration is designed for students who are interested in pursuing a baccalaureate or a professional degree in business, marketing, education, or training, as well as students preparing for career entry positions. This business track transfers into selected upper division programs at a variety of 4-year institutions. Careers exist in the administration, management, marketing, sales, merchandising, or accounting departments of a business or organization. The courses from this program are delivered in the classroom and/or online.

The Associate of Science in Business Administration is designed to articulate to:

- Concordia University B.A. in Organizational Management and Leadership
- Concordia University B.A. in Business Management
- Bethel University B.A in Business Management
- Metropolitan State University B.S. in Business Administration
- Minnesota State University Moorhead B.S. in Business Administration
- Minnesota State University Moorhead B.S. in Project Management
- Kaplan University B.A. in Business
- University of Minnesota Crookston B.S. Business Management

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1220	Effective Supervision	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Concentration Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Concentration Courses - Management (ACCT 2112, BUS 1200, BUS 1810) OR Marketing (BUS 1610, BUS 1620, BUS 1630):				
ACCT2112	Managerial Accounting *and*	4		
BUS1200	Principles of Management *and*	3		
BUS1810	Entrepreneurship *or*	4		
BUS1610	Consumer Behavior *and*	4		
BUS1620	Advertising and Sales Promotion *and*	3		
BUS1630	Professional Sales and Management	4		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PSYC1150 or SOC1110 - 1 Course:				
PSYC1150	General Psychology *or*	3		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[2]				
MnTC Electives - 6 additional credits for a total of 12 MnTC credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Management Concentration Option

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world and apply to daily business practice.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpret information.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a business model and business plan.

Marketing Concentration Option

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world and apply to daily business practice.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpret information.
- Analyze marketing communication situations and develop promotional strategic solutions

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Produce a comprehensive sales plan that reflects specific sales concepts and tactics.

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Notes

Recommendations:

- Math 1130 - Elementary Statistics (Goal Area 4)
- Math 1150 - College Algebra or Math 1140 - Finite Math (Goal Area 4)
- Lab Science (Goal Area 3)
- Metropolitan State will require Math 1150 for Natural Science/Mathematics elective.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

3. MnTC Electives - 6 additional credits for a total of 12 MnTC credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(3), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Business Communications and Technology Essentials Cert
2016 - 2017

This certificate is for students who want to combine business, communication and technology. Students will learn communication principles and techniques, computer presentation skills and project management software, concepts and process,used by successful managers. Courses can be applied to the Business Computer Systems and Management A.A.S. or A.S. Degrees. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1230	Business Presentations: PowerPoint	3		
CIS1260	Business Communications and Technology	3		
CIS1700	Project Management Software Tools	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Intellectual and Practical Skills, focused by:

- Demonstrate business communication effectiveness in a global and technological business environment.
- Apply improved verbal, nonverbal, listening, writing, team, conflict and negotiation skills in organizational situations.
- Effectively use web-based communication, video conferencing, email, presentation technologies, teleconferencing and telephone usage.
- Develop, create and deliver a variety of well-prepared presentations in multiple formats, analyzing the audience and environment to choose and create appropriate visuals.

Integrative and Applied Learning:

- Understand, apply and communicate the project management process using software tools.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Business Computer Systems and Management AS
2016 - 2017

The Associate of Science Degree in Business Computer Systems and Management is designed for students who after completion of this degree are interested in continued study in a baccalaureate degree program in a related field as well as for students who are interested in careers in computers, management, business, education, or training. This degree is also meant for students who wish to enhance their computer and management knowledge in today's business world to help further their career. Students should consult an advisor/counselor for transfer opportunities to various Minnesota colleges. The courses from this program are delivered in the classroom and/or online.

The Associate of Science in Business Computer Systems and Management is designed to articulate to:

- Metropolitan State University B.S. in Business Administration degree
- Minnesota State University Moorhead B.S. in Project Management
- Bethel University B.A. in Business Management degree

Program Courses: Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1200	Principles of Management	3		
CIS1101	Business Computer Systems I	3		
CIS1220	Decision Making Excel	3		
CIS1260	Business Communications and Technology	3		
CIS1310	The Whole Internet	3		
CIS2310	Introduction to E-Commerce	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 8 credits:				
BUS1600	Principles of Marketing *or*	3		
CIS1102	Business Computer Systems II *or*	3		
CIS1200	Word Processing *or*	3		
CIS1230	Business Presentations: PowerPoint *or*	3		
CIS1240	Information Management: Access *or*	3		
CIS1320	Web Tools *or*	2		
CIS1700	Project Management Software Tools *or*	3		
CIS1990	Topic:	1		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
MATH1150	College Algebra	3		
PSYC1150 or SOC1110 - 1 course:				
PSYC1150	General Psychology *or*	3		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences with a lab (Goal Area 3) - 4 credits[1]				
MnTC Electives (Goal Areas 1, 6, 7, 9 or 10) - 7 credits[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Effective use of up-to-date technology and computer applications.
- Develop management and business principles, advanced technical and communication skills along with critical, independent and creative problem solving skills.

Intellectual and Practical Skills, focused by:

- Competent use of digital resources to access and evaluate information using current technology to perform basic business tasks.
- Demonstrate global thinking, working in teams, applying knowledge and focusing on hands-on real world situations.
- Develop team work, and critical and creative thinking practices to become more effective, efficient and productive.

Personal and Social Responsibility and Engagement, focused by:

- Collaborate as a member of a team solving diverse and complex problems common in business today.
- Develop ethical practices in using technology.

Integrative and Applied Learning, including:

- Integrate computer technology as it relates to a career in variety of business career pathways.

Upon completion of the program the student will be prepared for entry level work in the business, computer, or management field.

Courses in this degree may transfer to four-year colleges. Consult with an advisor for further information.

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences with a lab (Goal Area 3) - 4 credits: BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1101(4), BIOL1102(4), BIOL1130(4), BIOL1200(4), BIOL1360(4), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOL1110(4), GEOL1120(4), GEOL1130(4), NSCI1000(4), NSCI1050(4), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1120(4), PHYS1130(4)

2. MnTC Electives (Goal Areas 1, 6, 7, 9 or 10) - 7 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ENGL1150(3), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1)

Business Computer Systems and Management AAS
2016 - 2017

The Business Computer Systems and Management program is designed for students interested in immediate employment or enhancing current career skills. The program is designed for students interested in a business management background with an opportunity to concentrate on utilizing the computer in managerial decision making. Careers exist in administration, management, sales, marketing, or technology departments of a business or organization. This degree combines essential knowledge of business and advanced technology skills using the latest computer technology and software programs. The courses from this program are delivered in the classroom and/or online.

The Associate of Science in Business Computer Systems and Management is designed to articulate to:

- Minnesota State University Moorhead B.S. in Operations Management
- Minnesota State University Moorhead B.S. in Project Management
- Bethel University B.A. in Business Management degree

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1200	Principles of Management	3		
CIS1101	Business Computer Systems I	3		
CIS1220	Decision Making Excel	3		
CIS1260	Business Communications and Technology	3		
CIS1310	The Whole Internet	3		
CIS1700	Project Management Software Tools	3		

Subtotal

Program Electives - Computer Information Systems Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 18 credits:				
ACCT2112	Managerial Accounting *or*	4		
BUS1100	Introduction to Business *or*	3		
BUS1600	Principles of Marketing *or*	3		
CIS1000	Electronic Keyboarding Communications *or*	3		
CIS1102	Business Computer Systems II *or*	3		
CIS1200	Word Processing *or*	3		
CIS1210	Desktop Publishing *or*	3		
CIS1230	Business Presentations: PowerPoint *or*	3		
CIS1240	Information Management: Access *or*	3		
CIS1250	Photoshop Essentials for Business *or*	3		
CIS1400	Windows/Operating Systems *or*	3		
CIS1990	Topic: *or*	1		
CIS2010	CIS Internship *or*	3		
CIS2310	Introduction to E-Commerce	3		

Subtotal

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
ECON1070	Principles of Economics Micro	3		
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
Math 1140 or Math 1150 - 1 course:				
MATH1140	Finite Mathematics *or*	3		
MATH1150	College Algebra	3		

Subtotal

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives - 7 credits[1]				

Subtotal

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Effective use of up-to-date technology and computer applications.
- Develop management and business principles, advanced technical and communication skills along with critical, independent and creative problem solving skills.

Intellectual and Practical Skills, focused by:

- Competent use of digital resources to access and evaluate information using current technology to perform basic business tasks.
- Demonstrate global thinking, working in teams, applying knowledge and focusing on hands-on real world situations.
- Develop team work, and critical and creative thinking practices to become more effective, efficient and productive.

Personal and Social Responsibility and Engagement, focused by:

- Collaborate as a member of a team solving diverse and complex problems common in business today.
- Develop ethical practices in using technology.

Integrative and Applied Learning, including:

- Integrate computer technology as it relates to a career in variety of business career pathways.

Upon completion of the program the student will be prepared for entry level work in the business, computer, or management field.

Courses in this degree may transfer to four-year colleges. Consult with an advisor for further information.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives - 7 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Business Principles Cert
2016 - 2017

This certificate is for students who want an overview of the broad areas of business: finance, management and marketing. All courses can be taken online. Courses can be applied to the Management, Marketing and Entrepreneurship A.A.S. degrees or the A.S. degree in Business Administration - Management Concentration. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1100	Introduction to Business	3		
BUS1200	Principles of Management	3		
BUS1600	Principles of Marketing	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Chemical Laboratory Assistant Cert
2016 - 2017

The Certificate of Chemical Laboratory Assistant certificate is designed to meet the needs of industry in the community.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CHEM1061	Principles of Chemistry I	4		
CHEM1062	Principles of Chemistry II	4		
CHEM2061	Organic Chemistry I	5		
CHEM2062	Organic Chemistry II	5		
CHEM2073	Introduction to Instrumental Methods and Analysis	4		
CIS1101	Business Computer Systems I	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
8 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 25

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Apply mathematical, physical, and chemical concepts to routine laboratory procedures.
- Apply knowledge of laboratory instrumentation, proper preparation of samples, and the limitations of instrumental analysis.
- Demonstrate knowledge of laboratory instrumentation, proper preparation of samples, and the limitations of instrumental analysis.

Intellectual and Practical Skills:

- Apply critical thinking skills to chemical laboratory technology.
- Use interpersonal and communication skills appropriate to the chemical laboratory technology environment.
- Use quantitative and qualitative analyses accurately in laboratory procedures.

Personal and Social Responsibility:

- Demonstrate independent work in the laboratory.
- Demonstrate knowledge of current Good Lab Practices

Integrative Learning:

- Synthesis and advanced accomplishment across general and specialized studies(demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems).
- Troubleshoot results of experiments.
- Interpret the results of experiments.

Gainful Employment Program Information

Chemical Laboratory Assistant

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Chemistry AS
2016 - 2017

The Chemistry program allows students to take all of the required chemistry courses and many general education courses to allow them to transfer to a four year institution with a junior standing in the sciences. This program prepares graduates to work as a chemical lab assistant or to continue on to obtain the bachelor's degree in chemistry.

The Associate of Science in Chemistry is designed to articulate to:

- Saint Cloud State University B.S. Biochemistry degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4		
CHEM1062	Principles of Chemistry II (minimum grade 1.67)	4		
CHEM2061	Organic Chemistry I (minimum grade 1.67)	5		
CHEM2062	Organic Chemistry II	5		
Physics: (PHYS1201 and PHYS1202) OR (PHYS1601 and PHYS1602) - 2 courses:				
PHYS1201	Principles of Physics I *and*	5		
PHYS1202	Principles of Physics II *or*	5		
PHYS1601	General Physics I *and*	5		
PHYS1602	General Physics II	5		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
COMM1010	Fundamentals of Public Speaking	3		
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
MATH1221	Calculus I (minimum grade 1.67)	5		
MATH1222	Calculus II	5		
PSYC1150	General Psychology	3		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
The Humanities and Fine Arts (Goal Area 6) - 3 credits[1]				
MnTC Goal Areas 7, 8, 9 or 10 - 3 credits[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Understand, make calculations regarding, and explain the properties of materials
- Analyze samples and predict, measure and characterize the products of chemical reactions.

Intellectual and practical skills, including:

- Do basic operations on computers, laboratory instrumentation and wet bench analysis techniques.
- Effectively communicate chemical knowledge both in writing and verbal presentations.
- Make observations, collect data, and perform mathematical calculations on experimental data

Personal and social responsibility and engagement, including:

- Work and study individually and as a member of a group, including respecting others and sharing labor to achieve objectives.
- Apply the understanding of science and chemistry to gain insight into sociopolitical issues such as energy, material resources and environmental quality and to assess and discuss public statements and policies relating to them.

Integrative and applied learning, including:

- Write a quality lab report which summarizes results, analyses data, proposes reasons for error and states a conclusion.

Upon completion of the program, student will prepared to transfer to a baccalaureate program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. MnTC Goal Areas 7, 8, 9 or 10 - 3 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1110(3), COMM1310(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), ECON1050(3), ECON1060(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1210(3), TFT1260(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1710(3)

Computer Science AS
2016 - 2017

The Associate in Science in Computer Science degree prepares students for continued study in a baccalaureate degree program in computer science or computer information systems, as well as for positions in information technology, computer programming, software development and technical documentation. Students will learn the fundamentals of computer programming and acquire expertise in design, coding and testing development methodology. This degree transfers to the University of Minnesota (Information Technology Infrastructure) and Metropolitan State University (Computer Science and Computer Information Systems majors).

The Associate of Science in Computer Science is designed to articulate to:

- Metropolitan State University B.A. in Computer Science
- Metropolitan State University B.A. in Computer Information Systems
- Metropolitan State University B.A. in Computer Information Technology
- Minnesota State University Moorhead B.S. in Project Management
- Kaplan University B.S. in Information Technology

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CSCI1040	Fundamentals of Structured Query Language (SQL)	3		
CSCI1130	Introduction to Programming in Java	4		
CSCI2001	Structure of Computer Programming I	4		
CSCI2002	Structure of Computer Programming II	4		
CSCI2030	Database Modeling and Design	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 11 credits:				
CSCI1020	Beginning Web Page Programming *or*	1		
CSCI1025	Responsive Web Design *or*	1		
CSCI1030	Programming for Internet *or*	3		
CSCI1035	Introduction to Computer Programming with Games *or*	4		
CSCI1050	Computer Security Basics *or*	3		
CSCI1120	Programming in C/C++ *or*	4		
CSCI1150	Programming in C# for .NET *or*	4		
CSCI1180	Introduction to Linux Operating System *or*	4		
CSCI1990	Topics: *or*	1		
CSCI2010	Discrete Mathematical Structures *or*	4		
CSCI2011	Programming in Python *or*	1		
CSCI2020	Machine Architecture and Organization *or*	4		
CSCI2050	Internship Computer Science *or*	3		
CSCI2060	Web Programming in ASP.NET *or*	4		
CSCI2400	Objective-C for Mobile Programming *or*	4		
CSCI2500	Introduction to Mobile Programming in iOS	4		
**CSCI 1990 is a Topics course and will range from 1-4 credits.				

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
ECON1060 or ECON1070 - 1 course:				
ECON1060	Principles of Economics Macro *or*	3		
ECON1070	Principles of Economics Micro	3		
COMM1010 or ENGL1940 - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
ENGL1940	Technical Writing	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits[1]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[2]				
MnTC Electives - 13 additional credits for a total of 20 MnTC credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

Any Math course numbered 1150 or higher is a prerequisite for many CSci courses.

The University of Minnesota College of Continuing Education (CCE) recommends these courses: Phys 1201, Phys 1202, and Phil 1050.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, including:

- Designing the interfaces between programs, and between programs and users.

Intellectual and Practical Skills, including:

- Employing methodical and technical processes in designing and programming software applications.
- Designing databases to access, manage and store data.

Personal and Social Responsibility and Engagement:

- Following best practices of software development.
- Designing and coding robust programs that conform to industry standards.

Integrative and Applied Learning:

- Applying computer technology to solve real world problems.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

3. MnTC Electives - 13 additional credits for a total of 20 MnTC credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Construction Management AS
2016 - 2017

This program will prepare students for supervisory and management positions in the construction industry. The curriculum combines basic fundamentals with key courses in applied management, engineering, design, and business that are required to manage complex construction projects.

The Associate of Science in Construction Management is designed to articulate to:

- University of Minnesota Crookston B.S. in Manufacturing Management degree
- Minnesota State University at Moorhead B.S. in Construction Management degree
- Minnesota State University at Moorhead B.S. in Operations Management degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1200	Principles of Management	3		
CMSV1200	Construction Graphics	3		
CMSV2100	Soils and Concrete Technology	3		
CMSV2875	Mechanical and Electrical Systems	4		
CMSV2885	Construction Estimating	4		
CMSV2890	Building Organization and Technology	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 6 credits:				
BUS1220	Effective Supervision *or*	3		
CMSV1000	Construction Professionalism Seminar *or*	4		
CMSV1300	Legal Aspects of Construction *or*	3		
CMSV2200	Construction Quality Assurance and Quality Control *or*	4		
CMSV2870	Construction Management *or*	3		
CMSV2895	Construction Management Internship *or*	3		
CMSV2900	Construction Scheduling	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ART2300	Architectural History	2		
COMM1110	Principles of Interpersonal Communication	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
Pre-Calculus or College Algebra and Pre-Calculus:				
MATH1170	Pre-Calculus *or*	4		
MATH1180	College Algebra and Pre-Calculus	5		
Ethics or Environmental Ethics:				
PHIL1020	Ethics *or*	3		
PHIL1200	Environmental Ethics	3		
PHYS1201	Principles of Physics I	5		
PSYC1150	General Psychology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Electives to reach 30 MnTC credits and 60 total credits:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

It is recommended that students intending to transfer to the University of Minnesota B.A.S. or Minnesota State University Moorhead B.S. program consult with a counselor about the best course selection options. Students may best be served by choosing MATH courses to fulfill the electives. University of Minnesota students should take MATH 1200 or 1221. Minnesota State University Moorhead students should take MATH 1200. It is further recommended that students intending to transfer to the Minnesota State University Moorhead B.S. program should select BUS 1220 and BUS 1300 as electives.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being.

- Understand and utilize information that describes and prescribes the physical basis, technical specifics and sequential process of building construction
- Formulate a consistent system of actions involving the study of the construction process and the management of that process in an organized and knowledgeable manner

Develop intellectual and practical skills, including:

- Develop a basic understanding of building codes and regulations
- Understanding of construction documents system and organization
- Be able to prepare a construction project cost estimates
- Be able to prepare construction project schedules
- Apply the principles of the Critical Path Method
- Organize and schedule construction activities
- Refine communications skills with subordinates, peers and superiors
- Deduce essential data that is required to prepare cost estimates from construction drawings
- Evaluate and use computer technology in estimating and scheduling

Demonstrate personal and social responsibility, including enhance personal development in:

- Good work attitudes, values, and habits
- Self-confidence
- Responsibility
- Better understanding of career options
- Realistic appraisal of strengths
- Prepare, develop, and refine individual CPM and PDM networks in classroom exercises upon an individual and team bases
- Gain first-hand experiences associated with supervisory and/or management roles in an industrial setting
- Refine communications skills with subordinates, peers and superiors
- Implement, develop and/or refine skills in production, management, and personnel matters

Integrative Learning, including:

- Apply construction management techniques to an actual construction management project
- Apply the principles, knowledge and skills learned in the classroom to on-the-job practices and procedures in the construction industry real life situations
- Develop and refine problem-solving techniques
- Formulate systematic and sequential plans, monitor plans, and evaluate projects to assure that quality control goals are achieved

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Construction Management Cert
2016 - 2017

This program will prepare students for supervisory and management positions in the construction industry. The curriculum combines basic fundamentals with key courses in applied management, engineering, design, and business that are required to manage complex construction projects. The certificate in Construction Management is designed to build upon the A.S. degree in Construction Management and articulate to the University of Minnesota's B.A.S. in Construction Management degree and Minnesota State at Moorhead's B.S. in Construction Management Degree.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1200	Principles of Management	3		
BUS1600	Principles of Marketing	3		
BUS1810	Entrepreneurship	4		
CMSV1200	Construction Graphics	3		
CMSV1300	Legal Aspects of Construction	3		
CMSV2870	Construction Management	3		
CMSV2885	Construction Estimating	4		
CMSV2900	Construction Scheduling	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
10 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 30

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being.

- Understand and utilize information that describes and prescribes the physical basis, technical specifics and sequential process of building construction
- Formulate a consistent system of actions involving the study of the construction process and the management of that process in an organized and knowledgeable manner

Develop intellectual and practical skills, including:

- Develop a basic understanding of building codes and regulations
- Understanding of construction documents system and organization
- Be able to prepare a construction project cost estimates
- Be able to prepare construction project schedules
- Apply the principles of the Critical Path Method
- Organize and schedule construction activities
- Refine communications skills with subordinates, peers and superiors
- Deduce essential data that is required to prepare cost estimates from construction drawings
- Evaluate and use computer technology in estimating and scheduling

Demonstrate personal and social responsibility, including enhance personal development in:

- Good work attitudes, values, and habits
- Self-confidence
- Responsibility
- Better understanding of career options
- Realistic appraisal of strengths
- Prepare, develop, and refine individual CPM and PDM networks in classroom exercises upon an individual and team bases
- Gain first-hand experiences associated with supervisory and/or management roles in an industrial setting
- Refine communications skills with subordinates, peers and superiors
- Implement, develop and/or refine skills in production, management, and personnel matters

Integrative Learning, including:

- Apply construction management techniques to an actual construction management project
- Apply the principles, knowledge and skills learned in the classroom to on-the-job practices and procedures in the construction industry real life situations
- Develop and refine problem-solving techniques
- Formulate systematic and sequential plans, monitor plans, and evaluate projects to assure that quality control goals are achieved

Gainful Employment Program Information

Construction Management

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Corporate Wellness AS
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1200	Principles of Management	3		
BUS1600	Principles of Marketing	3		
EXSC1250	Wellness for Life	3		
EXSC1750	Yoga	1		
EXSC2010	Essentials of Exercise Science	3		
EXSC2100	Concepts of Training	3		
EXSC2390	Current Research Trends in Exercise Science	3		
EXSC2750	Wellness Coaching & Health Promotion	3		
HLTH1070	Nutrition	3		
PHIL1220	Health Care Ethics	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1001	Biology I	4		
CHEM1010	Introduction to Chemistry	4		
COMM1810	Introduction to Health Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
ENGL2340	Nature in Literature	3		
MATH1130	Elementary Statistics	3		
PHIL1010	Introduction to Philosophy	3		
PSYC1150	General Psychology	3		
SOC1110	Introduction to Sociology	3		

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Additional courses, if necessary, to reach 60 credits total[1]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Additional courses, if necessary, to reach 60 credits total: ACCT1000(4), ACCT1990(1), ACCT2111(4), ACCT2112(4), ACCT2230(3), ACCT2250(2), ACCT2260(2), ACCT2300(4), ADEV1950(3), ADEV1990(1), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ANTH1990(1), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC1990(3), ARBC2201(4), ART1040(3), ART1100(2), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1701(1), ART1702(1), ART1703(1), ART1704(1), ART1705(1), ART1706(1), ART1707(1), ART1708(1), ART1709(1), ART1710(1), ART1750(1), ART1770(3), ART1810(1), ART1820(2), ART1970(2), ART1980(1), ART1990(3), ART2180(3), ART2190(3), ART2300(2), ART2540(3), ART2550(3), ART2561(3), ART2562(3), ART2590(3), ART2601(3), ART2602(3), ART2611(3), ART2612(3), ART2640(3), ART2642(3), ART2740(1), ART2750(1), ART2781(1), ART2782(1), ART2800(1), ART2810(2), ART2820(1), ART2860(1), ART2870(1), ART2900(1), ART2901(3), ART2902(3), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL1400(3), ASL1990(1), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1030(4), BIOL1040(4), BIOL1100(2), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1230(1), BIOL1231(1), BIOL1300(1), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL1990(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIT1000(2), BIT1050(3), BIT1100(2), BIT1150(4), BIT1210(2), BIT1250(4), BIT1300(2), BIT1305(2), BIT1310(2), BIT1410(4), BIT1420(2), BIT1600(2), BIT1700(3), BIT1800(2), BIT1805(2), BIT1810(2), BIT1900(3), BIT2000(3), BIT2020(2), BIT2300(2), BIT2400(2), BIT2500(2), BIT2600(2), BIT2650(2), BUS1100(3), BUS1110(3), BUS1200(3)

BUS1210(3), BUS1220(3), BUS1230(3), BUS1300(3), BUS1310(3), BUS1400(3), BUS1410(3), BUS1420(2), BUS1430(2), BUS1440(3), BUS1450(3), BUS1510(3), BUS1600(3), BUS1610(4), BUS1620(3), BUS1630(4), BUS1640(4), BUS1700(3), BUS1810(4), BUS1990(1), BUS2000(2), BUS2010(3), BUS2310(3), CC1000(5), CC1001(8), CC1002(2), CC1003(2), CC1004(4), CC1010(3), CC1020(3), CC1030(3), CC1032(4), CC1041(3), CC1062(5), CC1071(3), CC1080(3), CC1100(4), CC1101(4), CC1102(3), CC1103(3), CC1104(3), CC1106(3), CC1110(3), CC1111(3), CC1112(3), CC1115(1), CC1120(3), CC1121(4), CC1125(3), CC1127(3), CC1128(1), CC1130(3), CC1132(3), CC1135(2), CC1140(2), CC1141(4), CC1142(4), CC1150(3), CC1170(3), CC1180(5), CC1200(5), CC1221(3), CC1281(4), CC1300(3), CC1301(4), CC1302(4), CC1310(5), CC1327(6), CC1390(2), CC1400(2), CC1405(3), CC1420(4), CC1460(3), CC1500(3), CC1505(4), CC1600(2), CC1700(3), CC1711(4), CC1712(4), CC1730(3), CC1740(3), CC1750(4), CC1819(3), CC2000(4), CC2020(3), CC2040(4), CC2041(4), CC2050(3), CC2051(3), CC2061(5), CC2080(3), CC2082(3), CC2100(4), CC2110(3), CC2112(3), CC2113(4), CC2125(3), CC2130(3), CC2132(3), CC2134(3), CC2200(3), CC2201(4), CC2210(5), CC2212(3), CC2215(3), CC2224(4), CC2225(3), CC2230(3), CC2231(3), CC2237(3), CC2240(4), CC2241(3), CC2251(4), CC2252(4), CC2299(9), CC2300(4), CC2420(3), CC2500(3), CC2626(3), CC2721(5), CC3001(3), CC3005(4), CC3022(3), CC3412(3), CC3602(2), CC4101(3), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), CHEM1990(1), CHEM2061(5), CHEM2062(5), CHEM2073(4), CIS1000(3), CIS1101(3), CIS1102(3), CIS1200(3), CIS1210(3), CIS1220(3), CIS1230(3), CIS1240(3), CIS1250(3), CIS1260(3), CIS1300(1), CIS1310(3), CIS1320(2), CIS1400(3), CIS1500(1), CIS1510(1), CIS1520(1), CIS1530(1), CIS1700(3), CIS1990(1), CIS2010(3), CIS2310(3), CMSV1000(4), CMSV1200(3), CMSV1300(3), CMSV1990(1), CMSV2100(3), CMSV2200(4), CMSV2860(2), CMSV2870(3), CMSV2875(4), CMSV2880(4), CMSV2885(4), CMSV2890(3), CMSV2895(3), CMSV2900(3), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), COMM1990(1), CRD1000(3), CRD1010(1), CSCI1000(3), CSCI1020(1), CSCI1025(1), CSCI1030(3), CSCI1035(4), CSCI1040(3), CSCI1050(3), CSCI1120(4), CSCI1130(4), CSCI1150(4), CSCI1180(4), CSCI1990(1), CSCI2001(4), CSCI2002(4), CSCI2010(4), CSCI2011(1), CSCI2020(4), CSCI2030(4), CSCI2050(3), CSCI2060(4), CSCI2100(4), CSCI2400(4), CSCI2500(4), ECON1050(3), ECON1060(3), ECON1070(3), ECON1990(1), EDUC1210(3), EDUC1280(3), EDUC1350(3), ENGL1140(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1260(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1940(3), ENGL1950(3), ENGL1960(1), ENGL1990(1), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2900(3), ENGL2950(3), ENGL2960(1), ENGR1000(3), ENGR1200(3), ENGR1990(1), ENGR2301(3), ENGR2302(3), ENGR2303(3), ENGR2501(4), ENGR2502(4), ENGR2511(1), ENGR2512(1), ENGX1201(8), ESOL1060(2), ESOL1080(2), ESOL1230(4), ESOL1260(4), ESOL1280(4), ESOL1990(1), EXSC1000(1), EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2010(3), EXSC2100(3), EXSC2110(3), EXSC2200(2), EXSC2270(3), EXSC2390(3), EXSC2490(4), EXSC2750(3), FYE1020(2), FYE1990(2), GCST1030(3), GCST1040(3), GCST1100(12), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GCST1990(1), GCST2260(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOG1990(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GEOL1990(1), HCCC1010(0.5), HCCC1020(0.5), HCCC1030(1), HCCC1040(0.5), HCCC1050(0.5), HCCC1060(0.5), HCCC1070(0.5), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1270(3), HIST1990(1), HIST2500(3), HIST2600(3), HIST2700(3), HIST2900(3), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2030(3), HLTH2060(3), HONR1000(1), HSEM1000(1), HSEM1990(1), HSEM2000(2), HSER1100(3), HSER1200(3), HSER1300(3), HSER1400(3), HSER1500(3), HSER1600(2), HSER1700(3), HSER1800(3), HSER1900(3), HSER2100(1), HSER2101(6), HTN1000(1), HTN1001(4), HTN1002(2), HTN2003(3), HTN2100(4), HTN2150(2), HTN2200(1), HTN2300(12), INTD2260(3), MATH1010(3), MATH1031(3), MATH1032(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1170(4), MATH1180(5), MATH1200(3), MATH1221(3), MATH1222(5), MATH1990(1), MATH2000(4), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MLT1000(1), MLT1100(2), MLT1200(1), MLT1250(2), MLT1990(1), MLT2050(4), MLT2080(4), MLT2100(4), MLT2150(3), MLT2310(1), MLT2320(2), MLT2330(1), MLT2340(1), MLT2350(2), MLT2360(2), MLT2380(2), MUSC1130(1), MUSC1150(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1251(2), MUSC1252(2), MUSC1300(3), MUSC1350(3), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1600(2), MUSC1610(1), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC1990(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2251(2), MUSC2252(2), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), NSCI1990(1), NURS1001(4), NURS1990(1), NURS2010(1), NURS2700(9), NURS2720(4), NURS2750(2), NURS2800(7), NURS2820(3), NURS2850(2), NURS2900(7), NURS2920(2), NURS2950(3), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHIL1990(1), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1220(2), PHYS1601(5), PHYS1602(5), PHYS1990(1), PLA1010(2), PLA1020(1), PLA1025(0), PLEG1111(3), PLEG1210(2), PLEG1330(3), PLEG1411(3), PLEG1412(3), PLEG1430(1), PLEG1510(2), PLEG1990(3), PLEG2211(3), PLEG2212(3), PLEG2310(3), PLEG2510(3), PLEG2620(3), PLEG2710(3), PLEG2810(1), PLEG2930(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS1990(1), POLS2130(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC1990(1), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), PUBW1010(4), PUBW1020(4), PUBW1030(4), PUBW1040(4), PUBW1050(4), PUBW1060(4), SOC1110(3), SOC1130(3), SOC1210(3), SOC1710(3), SOC1720(3), SOC1730(3), SOC1750(3), SOC1990(1), SOC2110(3), SOC2210(3), SOC2730(3), SOC2740(3), SOC2800(2), SPAN1030(3), SPAN1050(3), SPAN1101(5), SPAN1102(5), SPAN1390(1), SPAN1990(1), SPAN2201(5), SPAN2202(5), TFT1110(1), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT1990(1), TFT2010(3), TFT2110(3), TFT2500(3), TFT2950(1)

Creative Writing AFA
2016 - 2017

The Associate in Fine Arts in Creative Writing prepares students for further university-level creative writing studies by combining liberal arts general education courses and foundation courses in various genres of writing and literary studies. Graduates will be able to write effectively in multiple genres of creative writing with the intent of beginning a career in a related field or transferring into a baccalaureate program at a 4-year institution.

The Associate of Fine Arts in Creative Writing is designed to articulate to:

- Minnesota State University Moorhead B.A. in English with Emphasis in Writing degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ENGL1250	Magazine Workshop	2		
ENGL1900	Introduction to Creative Writing	3		

Capstone Course

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Required during final semester of program				
ENGL2960	Creative Writing Capstone Project	1		

Program Electives: Creative Writing

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Creative Writing Program Electives - 9 credits:				
ENGL2010	Writing Creative Non-Fiction and Memoir *or*	3		
ENGL2020	Writing Stories *or*	3		
ENGL2030	Writing Poetry *or*	3		
ENGL2500	Playwrighting *or*	3		
TFT1280	Introduction to Screenwriting *or*	3		
TFT2500	Playwrighting	3		

Program Electives: Literature

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Literature Program Electives - 12 credits:				
ENGL1140	Professional Writing *or*	3		
ENGL1150	Introduction to Literature *or*	3		
ENGL1260	Newspaper Writing *or*	2		
ENGL1400	Reading Poetry *or*	3		
ENGL1450	Reading Plays *or*	3		
ENGL1940	Technical Writing *or*	3		
ENGL1950	Graphic Novels *or*	3		
ENGL2270	Modern American Literature *or*	3		
ENGL2300	Children's Literature *or*	3		
ENGL2310	American Short Story *or*	3		
ENGL2330	Hmong American Literature *or*	3		
ENGL2340	Nature in Literature *or*	3		
ENGL2350	Women and Literature *or*	3		
ENGL2360	Global Literary Perspectives *or*	3		
ENGL2370	African American Literature *or*	3		
ENGL2380	American Indian Literature *or*	3		
ENGL2390	American Working-Class Literature *or*	3		
ENGL2450	Survey of American Literature I *or*	3		
ENGL2460	Survey of American Literature II *or*	3		
ENGL2550	Survey of British Literature I *or*	3		
ENGL2560	Survey of British Literature II *or*	3		
ENGL2580	Shakespeare's Plays *or*	3		
ENGL2900	Fantasy Literature *or*	3		
ENGL2950	Mystery and Detective Fiction	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010, COMM1110, COMM1210 - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1210	Small Group Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits[2]				
Human Diversity or Global Perspective (Goal Areas 7 or 8) - 3 credits[3]				
Ethical and Civic Responsibility or People and the Environment (Goal Areas 9 or 10) - 3 credits[4]				
MnTC Electives - 9 credits[5]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- engagement with literary arts in multiple genres across diverse cultures and societal perspectives, both by critically successful authors and through student writing
- significant and critical awareness of the contemporary world, from local to global

Focused by engagement with big questions, both contemporary and enduring

Intellectual and Practical Skills:

- analysis and examination of stylistic and literary elements of critically successful authors and student writing within multiple genres
- demonstration of critical and creative thinking through large and small group workshop-style discussion and textual analysis of writing
- strategic application of practical and applicable creative writing modes and approaches to effective revision
- knowledge of historically successful literary elements and the artists who have used them

Practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance

Personal and Social Responsibility and Engagement:

- understanding of cultural variation in forms of contemporary and historical literature, as well as important ways in which the contextual framework of the literature reflects culture
- interacting with college, local, national, and/or global publications with an awareness of audience and social ramifications
- developed skills in time management, deadlines, and collaborative experiences

Anchored through active involvement with diverse communities and real-world challenges

Integrative and Applied Learning:

- participation in literary arts publication and public performance
- investigation of careers related to critical and creative writing and the literary arts
- demonstration of proficiency in at least one genre of creative writing

Demonstrated through the application of knowledge, skills, and responsibilities to new settings and complex problems

Graduates will be prepared to transfer to, and succeed at, an upper-level academic institution.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Degree Information

An Associate of Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete a program in a designated discipline in fine arts. The A.F.A. degree is designed for transfer to a baccalaureate degree.

Completion of an A.F.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Coursework

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

3. Human Diversity or Global Perspective (Goal Areas 7 or 8) - 3 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), COMM1110(3), COMM1310(3), COMM1510(3), COMM1710(3), ECON1060(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1040(3), GEOG1100(3), GEOG1190(3), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST2500(3), HUM1210(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), PHIL1010(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1210(3), POLS1600(3), POLS1700(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1210(3), TFT1260(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1710(3)

4. Ethical and Civic Responsibility or People and the Environment (Goal Areas 9 or 10) - 3 credits: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1610(3), COMM1810(3), ECON1050(3), ENGL2340(3), ENGL2390(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(3), GCST1320(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), NSCI1110(4), PHIL1020(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), SOC1130(3)

5. MnTC Electives - 9 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Criminal Justice AS
2016 - 2017

North Hennepin's Associate in Science degree program in Criminal Justice provides students with a broad analysis of the relationship between law and society as well as a thorough examination of the interrelationships, functions and operations of the different components of the criminal justice system. It is designed to transfer to a four year institution and provide preparation for a variety of entry-level positions in state, county, and municipal law enforcement agencies.

The Associate of Science in Criminal Justice is designed to articulate to:

- Metropolitan State University B.A. in Criminal Justice degree
- Kaplan University B.S. in Criminal Justice degree
- Concordia University St. Paul B.A. in Criminal Justice degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HLTH1060	Drugs and Health	3		
PHIL1020	Ethics	3		
POLS2130	Constitutional Law	3		
SOC1710	Introduction to Criminal Justice	3		
SOC1720	Police and Community	3		
SOC1730	Juvenile Justice	3		
SOC2730	Introduction to Corrections	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 5 credits (CIS1101 or CSCI1000, not both):				
CIS1101	Business Computer Systems I **or**	3		
CSCI1000	Computer Basics **or**	3		
ECON1050	Economics of Crime **or**	3		
EXSC1010	Physical Fitness **or**	2		
HLTH1600	Emergency Medical Responder **or**	3		
POLS1140	State and Local Politics **or**	3		
PSYC1165	Psychology of Adjustment **or**	3		
SOC1990	Sociology Special Topics	1		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
COMM1310	Intercultural Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) **or**	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PSYC1150	General Psychology	3		
SOC1110	Introduction to Sociology	3		
SOC1130	Social Problems/Deviance	3		
SOC1750	Families in Crisis	3		
SOC2210	Minority Groups	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits[1]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

A cooperative agreement between North Hennepin Community College and Metropolitan State University exists for students earning the A.S. degree in Criminal Justice who intend to transfer to Metropolitan State to pursue their B.A. degree in Criminal Justice.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, including:

- demonstrating knowledge of history, current issues, concepts, organization, philosophies and theories in the field of criminal justice.
- demonstrating an understanding of local ordinances, State Statutes and Federal Law, the purpose and function of police, courts, and corrections.
- demonstrating an understanding of the judicial review process, political, cultural and social forces which impact the police, courts, corrections, suspects, victims, and other parties involved in the criminal justice system.

Develop intellectual and practical skills, including:

- communicating appropriately and effectively in work situations.
- obtaining and refining the necessary skills in interpersonal communication, mathematics, basic crime statistics, as the skills are related to public contact and employment in the criminal justice system.
- utilizing the intellectual and practical skills necessary to represent a private or public agency in a professional manner
- developing the writing and public speaking skills necessary to communicate in small and large groups to prepare employment and further education.

Demonstrate personal and social responsibility, including:

- identifying career opportunities in criminal justice and the skills and attributes that employers are seeking and creating an understanding that employers often require continued higher education, citizenship, and service to others for initial placement and promotion.
- comparing and contrasting traditional, developing and future trends and ideas in criminal justice.
- developing a basic understanding of race, sex, color, religion, age, national origin, disability, marital status, status with regard to public assistance, sexual orientation, gender identification, and social class as related to criminal justice issues. This basic understanding should lead to tolerance, valuing differences, and leading to the acceptance of others.

Demonstrate integrative and applied learning, including:

- articulating the history and application of Criminal Justice with respect to Law Enforcement, as well as its relationship to the other social sciences.
- analyzing complex material, including constitutional law, State and Federal court rulings and having the ability to read and understand basic criminal justice related and court documents.
- applying concepts used in the Criminal Justice profession.

Upon completion of the program the student will prepared to transfer to a baccalaureate program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Desktop Publishing Essentials Cert
2016 - 2017

This certificate introduces students to digital page layout, and digital images as well as a comprehensive understanding of the internet and is for anyone who needs to prepare professional business publications such as newsletters, advertising media, flyers, brochures, forms and manuals. Some of the courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1210	Desktop Publishing	3		
CIS1250	Photoshop Essentials for Business	3		
CIS1310	The Whole Internet	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Create and edit digital images
- Restore and retouch digital photographs
- Prepare images and animations for the web
- Use type and imagery effectively to produce business publications for print
- Search for complementary images for print and web publications
- Plan and design web pages

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

E-Commerce Essentials Cert
2016 - 2017

This certificate is for students who want to learn essential computer and marketing skills and create a business on the Internet. All courses can be taken online. A course completed while earning a certificate can be applied to the E-Commerce Professional Certificate and the A.A.S. or A.S. in Business Computer Systems and Management degrees. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1600	Principles of Marketing	3		
CIS1310	The Whole Internet	3		
CIS2310	Introduction to E-Commerce	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Apply technology, business and marketing skills to create a business on the Internet or contribute to business Internet efforts
- Identify E-Commerce opportunities
- Market and sell on the Internet
- Build a web presence
- Design a web site
- Utilize E-Commerce strategies
- Understand electronic payment systems, and security, international, legal, ethical and tax issues
- Understand how the Internet works
- Use the Internet safely and effectively
- Use up-to-date technology and computer applications
- Display information literacy
- Access and evaluate information effectively
- Formulate solutions to business problems using facts, logic, creativity, and values
- Demonstrate effective written communications skills in business situations
- Interact and collaborate across cultures in business

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Cert: E-Commerce Professional
2016 - 2017

This certificate is for students who want to learn advanced computer and marketing skills and the business principles necessary to do business over the internet. Courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1100	Introduction to Business	3		
BUS1600	Principles of Marketing	3		
CIS1250	Photoshop Essentials for Business	3		
CIS1310	The Whole Internet	3		
CIS1320	Web Tools	2		
CIS2310	Introduction to E-Commerce	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
5 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 17

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Apply technology, business and marketing skills to create a business on the internet or contribute to business internet efforts
- Identify E-Commerce opportunities
- Market and sell on the internet
- Build a web presence
- Design a web site
- Utilize E-Commerce strategies
- Understand electronic payment systems, and security, international, legal, ethical and tax issues
- Prepare digital images for business publications for print or for the Web
- Use Photoshop's tools to create and enhance digital images
- Use the latest tools and applications on the Internet
- Understand how the internet works
- Use the internet safely and effectively
- Use up-to-date technology and computer applications
- Display information literacy
- Access and evaluate information effectively
- Formulate solutions to business problems using facts, logic, creativity, and values
- Demonstrate effective written communications skills in business situations
- Interact and collaborate across cultures in business
- Determine the interrelationships of the operations, administration, marketing and financing functions of business
- Integrate the global, ethical and legal aspects of business

Gainful Employment Program Information

[E-Commerce Professional](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Emphasis in Economics AA
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
MATH1221	Calculus I (minimum grade 1.67)	5		
MATH1222	Calculus II	5		

Program Electives

Must satisfy 1 of the following requirements

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Graduate School Preparatory Track:				
Complete MATH 2220, and either MATH 2010 or MATH2300:				
MATH2010	Probability and Statistics *or*	3		
MATH2220	Calculus III *or*	5		
MATH2300	Linear Algebra	3		
Business Economics Track:				
Complete ACCT 2111, CIS 1101, and CIS 1102:				
ACCT2111	Financial Accounting *or*	4		
CIS1101	Business Computer Systems I *or*	3		
CIS1102	Business Computer Systems II	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
Communication, 1 course, 3 credits[1]				
MATH1130	Elementary Statistics	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course[2]				
History & the Social/Behavioral Sciences, 1 course, 3 credits:				
Humanities & Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines[3]				
Human Diversity - 1 course[4]				
Ethical & Civic Responsibility - 1 course[5]				
People & the Environment - 1 course[6]				

Health Requirement

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Complete 2 credits from Health or Excercise Science[7]				

Total Credits

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Additional courses, if necessary, to reach 40 MnTC credits and 60 credits total:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 credits must be earned at NHCC:				

Total Credit Required 60

Degree Requirements

2.0 overall GPA at NHCC

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Communication, 1 course, 3 credits: COMM1010(3), COMM1110(3), COMM1210(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), TFT1710(3)

2. Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

3. Humanities & Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

4. Human Diversity - 1 course: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1140(3), ASL1300(3), COMM1110(3), COMM1310(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2350(3), ENGL2370(3), ENGL2380(3), ENGL2450(3), ENGL2460(3), ENGL2900(3), GCST1040(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1040(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), INTD1040(3), PHIL1040(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), TFT1210(3), TFT1310(3), TFT1350(3)

5. Ethical & Civic Responsibility - 1 course: COMM1610(3), COMM1810(3), ECON1050(3), ENGL2390(3), ENGL2950(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1210(3), INTD1211(3), INTD1212(3), PHIL1020(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), SOC1130(3)

6. People & the Environment - 1 course: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PHIL1200(3)

7. Complete 2 credits from Health or Excercise Science: EXSC1000(1), EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2010(3), EXSC2100(3), EXSC2110(3), EXSC2200(2), EXSC2270(3), EXSC2390(3), EXSC2490(4), EXSC2750(3), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2030(3), HLTH2060(3)

Education AS
2016 - 2017

The Associate in Science in Education is a transfer-oriented program providing a core of education courses and experiences. It prepares individuals to transfer into a four-year teacher education program. The curriculum provides specific training, general education, and experience working with children or youth in educational settings.

Traditional paths to teaching can include:

- Bachelor of Art or Bachelor of Science Degree with a major in Elementary Education (Teacher's licensure also required)
- Bachelor of Art or Bachelor of Science Degree with a major of choice and a minor in Secondary Education
- Masters Degree or Doctorate, typically required for teaching at the College level.

The Associate of Science in Education is designed to articulate to:

- Concordia University St. Paul in B.A. in Birth-Third Grade Elementary Teaching degree
- Concordia University St. Paul in B.A. in K-6 Elementary Teaching degree
- Concordia University St. Paul in B.A. in Child Development degree

This degree requires 30 hours of Field Experience related to education. Field Experience is embedded into the Education course assignments and is completed outside of class meeting times.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
EDUC1210	Introduction to Education	3		
EDUC1280	Diversity in Education	3		
EDUC1350	Language and Learning	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010 or COMM1110 - 1 course:				
COMM1010	Fundamentals of Public Speaking **or**	3		
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) **or**	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PHIL1020	Ethics	3		
PSYC1150	General Psychology	3		
PSYC1210	Child Development	3		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences (Goal Area 3) - 7 credits from different disciplines, one must be a lab course[1]				
Mathematical-Logical Reasoning (Goal Area 4) - 1 or 2 courses. Check requirements of transfer institution:				
MATH1031	Math for Elementary Education I **and**	3		
MATH1032	Math for Elementary Education II **or**	3		
MATH1130	Elementary Statistics **or**	3		
MATH1140	Finite Mathematics **or**	3		
MATH1150	College Algebra **or**	3		
MATH1180	College Algebra and Pre-Calculus	5		
Social Science (Goal Area 5) - 3 credits[2]				
The Humanities and Fine Arts (Goal Area 6) - 6 credits including one literature course. Check requirements of transfer institution[3]				
Global Perspective (Goal Area 8) - 3 credits[4]				
People and the Environment (Goal Area 10) - 3 credits[5]				

Health Requirement

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HLTH1030	Personal and Community Health	3		

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Additional credits, if needed, to reach 60 credits:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

- Demonstrate written, verbal, and interpersonal communication skills appropriate to various educational settings.
- Articulate strategies for creating classrooms which are responsive to diversity, cultural differences, and ethnic identity.
- Conduct literacy education research and apply the findings to strategies for the classroom.
- Describe how learning theories and philosophies impact instructional decisions.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: <u>Transfer Information</u>

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: <u>www.iseek.org</u> and <u>www.bls.gov.</u>

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences (Goal Area 3) - 7 credits from different disciplines, one must be a lab course: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. Social Science (Goal Area 5) - 3 credits: ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3)

3. The Humanities and Fine Arts (Goal Area 6) - 6 credits including one literature course. Check requirements of transfer institution: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)

4. Global Perspective (Goal Area 8) - 3 credits: ANTH1010(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL2201(4), ASL2202(4), COMM1310(3), COMM1510(3), COMM1710(3), ECON1060(3), ENGL2360(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST2500(3), HUM1210(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), PHIL1010(3), PHIL1030(3), PHIL1060(3), PHIL1070(3), PHIL1210(3), POLS1600(3), POLS1700(3), PSYC2350(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1260(3), TFT1320(3), TFT1710(3)

5. People and the Environment (Goal Area 10) - 3 credits: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PHIL1200(3)

Entrepreneurship AAS
2016 - 2017

The Entrepreneurship program is designed for students interested in managing or buying a small business or franchise, and for students interested in starting a new business. The courses from this program are delivered in the classroom and/or online.

The Associate of Applied Science in Entrepreneurship is designed to articulate to:

- Minnesota State University Moorhead B.S. in Project Management
- Bethel University B.A. in Business Management
- University of Minnesota Crookston B.S. in Business Management
- Concordia University St. Paul in B.A. in Business Management
- Concordia University St. Paul in B.A. in Marketing and Innovation Management
- Concordia University St. Paul in B.A. in Human Resource Management
- Concordia University St. Paul in B.A. in Organizational Management

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1220	Effective Supervision	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Courses - Entrepreneurship Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2112	Managerial Accounting	4		
BUS1200	Principles of Management	3		
BUS1300	Legal Environment of Business	3		
BUS1410	Introduction to Business Finance	3		
BUS1610	Consumer Behavior	4		
BUS1810	Entrepreneurship	4		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10[1]				
(The MnTC Electives selected must total a minimum of 5 credits.)[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world and apply to daily business practice.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpret information.
- Apply legal principles to problems commonly experienced in the business world.
- Apply legal principles to problems commonly experienced in the business world.
- Describe the basic concepts of finance as it relates to business and quantitatively apply knowledge gained to assess financial risks of both individual and business decisions.
- Prepare quantitative and qualitative market research within the scope of consumer behavior.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a business model and business plan.

Notes

Class Recommendations:

- Math 1130 - Elementary Statistics (Goal Area 4)
- Math 1150 - College Algebra or Math 1140 - Finite Math (Goal Area 4)
- Lab Science (Goal Area 3)

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. (The MnTC Electives selected must total a minimum of 5 credits.): AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Entrepreneurship Cert
2016 - 2017

This certificate is for students exploring management and/or owning their own business. Students will learn the basics of building a strong business. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2112	Managerial Accounting	4		
BUS1200	Principles of Management	3		
BUS1600	Principles of Marketing	3		
BUS1810	Entrepreneurship	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 14

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Intellectual and Practical Skills, including:

- Use quantitative analysis of financial information and accounting concepts to interpret information.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a business model and business plan.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Exercise Science AS
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1001	Biology I	4		
BIOL2111	Human Anatomy and Physiology I	4		
EXSC1050	Weight Training	1		
EXSC1500	Foundations of Exercise Science	3		
EXSC2010	Essentials of Exercise Science	3		
EXSC2390	Current Research Trends in Exercise Science	3		
EXSC2490	Kinesiology	4		
HLTH1070	Nutrition	3		
1 course from HLTH1250, EXSC1250:				
EXSC1250	Wellness for Life *or*	3		
HLTH1250	Wellness for Life	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Complete 1 credit of Exercise Science Electives[1]				

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CHEM1010	Introduction to Chemistry	4		
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
ENGL2340	Nature in Literature	3		
MATH1130	Elementary Statistics	3		
MUSC1300	Music in World Cultures	3		
PHIL1020	Ethics	3		
General Psychology or Introduction to Psychology:				
PSYC1150	General Psychology *or*	3		
PSYC1160	Introduction to Psychology	4		
SOC1110	Introduction to Sociology	3		

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Addidional courses, if needed, to reach 30 MnTC credits, and 60 total credits[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Complete 1 credit of Exercise Science Electives: EXSC1000(1), EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2010(3), EXSC2100(3), EXSC2110(3), EXSC2200(2), EXSC2270(3), EXSC2390(3), EXSC2490(4), EXSC2750(3)
2. Addidional courses, if needed, to reach 30 MnTC credits, and 60 total credits: ACCT1000(4), ACCT1990(1), ACCT2111(4), ACCT2112(4), ACCT2230(3), ACCT2250(2), ACCT2260(2), ACCT2300(4), ADEV1950(3), ADEV1990(1), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ANTH1990(1), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC1990(3), ARBC2201(4), ART1040(3), ART1100(2), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1701(1), ART1702(1), ART1703(1), ART1704(1), ART1705(1), ART1706(1), ART1707(1), ART1708(1), ART1709(1), ART1710(1), ART1750(1), ART1770(3), ART1810(1), ART1820(2), ART1970(2), ART1980(1), ART1990(3), ART2180(3), ART2190(3), ART2300(2), ART2540(3), ART2550(3), ART2561(3), ART2562(3), ART2590(3), ART2601(3), ART2602(3), ART2611(3),

ART2612(3), ART2640(3), ART2642(3), ART2740(1), ART2750(1), ART2781(1), ART2782(1), ART2800(1), ART2810(2), ART2820(1), ART2860(1), ART2870(1), ART2900(1), ART2901(3), ART2902(3), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL1400(3), ASL1990(1), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1030(4), BIOL1040(4), BIOL1100(2), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1230(1), BIOL1231(1), BIOL1300(1), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL1990(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIT1000(2), BIT1050(3), BIT1100(2), BIT1150(4), BIT1210(2), BIT1250(4), BIT1300(2), BIT1305(2), BIT1310(2), BIT1410(4), BIT1420(2), BIT1600(2), BIT1700(3), BIT1800(2), BIT1805(2), BIT1810(2), BIT1900(3), BIT2000(3), BIT2020(2), BIT2300(2), BIT2400(2), BIT2500(2), BIT2600(2), BIT2650(2), BUS1100(3), BUS1110(3), BUS1200(3), BUS1210(3), BUS1220(3), BUS1230(3), BUS1300(3), BUS1310(3), BUS1400(3), BUS1410(3), BUS1420(2), BUS1430(2), BUS1440(3), BUS1450(3), BUS1510(3), BUS1600(3), BUS1610(4), BUS1620(3), BUS1630(4), BUS1640(4), BUS1700(3), BUS1810(4), BUS1990(1), BUS2000(2), BUS2010(3), BUS2310(3), CC1000(5), CC1001(8), CC1002(2), CC1003(2), CC1004(4), CC1010(3), CC1020(3), CC1030(3), CC1032(4), CC1041(3), CC1062(5), CC1071(3), CC1080(3), CC1100(4), CC1101(4), CC1102(3), CC1103(3), CC1104(3), CC1106(3), CC1110(3), CC1111(3), CC1112(3), CC1115(1), CC1120(3), CC1121(4), CC1125(3), CC1127(3), CC1128(1), CC1130(3), CC1132(3), CC1135(2), CC1140(2), CC1141(4), CC1142(4), CC1150(3), CC1170(3), CC1180(5), CC1200(5), CC1221(3), CC1281(4), CC1300(3), CC1301(4), CC1302(4), CC1310(5), CC1327(6), CC1390(2), CC1400(2), CC1405(3), CC1420(4), CC1460(3), CC1500(3), CC1505(4), CC1600(2), CC1700(3), CC1711(4), CC1712(4), CC1730(3), CC1740(3), CC1750(4), CC1819(5), CC2000(4), CC2020(3), CC2040(4), CC2041(4), CC2050(3), CC2051(3), CC2061(5), CC2080(3), CC2082(3), CC2100(4), CC2110(3), CC2112(3), CC2113(4), CC2125(3), CC2130(3), CC2132(3), CC2134(3), CC2200(3), CC2201(4), CC2210(5), CC2212(3), CC2215(3), CC2224(4), CC2225(3), CC2230(3), CC2231(3), CC2237(3), CC2240(4), CC2241(3), CC2251(4), CC2252(4), CC2299(9), CC2300(4), CC2420(3), CC2500(3), CC2626(3), CC2721(5), CC3001(3), CC3005(4), CC3022(3), CC3412(3), CC3602(2), CC4101(3), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), CHEM1990(1), CHEM2061(5), CHEM2062(5), CHEM2073(4), CIS1000(3), CIS1101(3), CIS1102(3), CIS1200(3), CIS1210(3), CIS1220(3), CIS1230(3), CIS1240(3), CIS1250(3), CIS1260(3), CIS1300(1), CIS1310(3), CIS1320(2), CIS1400(3), CIS1500(1), CIS1510(1), CIS1520(1), CIS1530(1), CIS1700(3), CIS1990(1), CIS2010(3), CIS2310(3), CMSV1000(4), CMSV1200(3), CMSV1300(3), CMSV1990(1), CMSV2100(3), CMSV2200(4), CMSV2860(2), CMSV2870(3), CMSV2875(4), CMSV2880(4), CMSV2885(4), CMSV2890(3), CMSV2895(3), CMSV2900(3), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), COMM1990(1), CRD1000(3), CRD1010(1), CSCI1000(3), CSCI1020(1), CSCI1025(1), CSCI1030(3), CSCI1035(4), CSCI1040(3), CSCI1050(3), CSCI1120(4), CSCI1130(4), CSCI1150(4), CSCI1180(4), CSCI1990(1), CSCI2001(4), CSCI2002(4), CSCI2010(4), CSCI2011(1), CSCI2020(4), CSCI2030(4), CSCI2050(3), CSCI2060(4), CSCI2100(4), CSCI2400(4), CSCI2500(4), ECON1050(3), ECON1060(3), ECON1070(3), ECON1990(1), EDUC1210(3), EDUC1280(3), EDUC1350(3), ENGL1140(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1260(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1940(3), ENGL1950(3), ENGL1960(3), ENGL1990(1), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2900(3), ENGL2950(3), ENGL2960(1), ENGR1000(3), ENGR1200(3), ENGR1990(1), ENGR2301(3), ENGR2302(3), ENGR2303(3), ENGR2501(4), ENGR2502(4), ENGR2511(1), ENGR2512(1), ENGX1201(8), ESOL1060(2), ESOL1080(2), ESOL1230(4), ESOL1260(4), ESOL1280(4), ESOL1990(1), EXSC1000(1), EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(1), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2010(3), EXSC2100(3), EXSC2110(3), EXSC2200(2), EXSC2270(3), EXSC2390(3), EXSC2490(4), EXSC2750(3), FYE1020(2), FYE1990(2), GCST1030(3), GCST1040(3), GCST1100(12), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GCST1990(1), GCST2260(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1910(3), GEOG1990(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(2), GEOL1851(1), GEOL1990(1), HCCC1010(0.5), HCCC1020(0.5), HCCC1030(1), HCCC1040(0.5), HCCC1050(0.5), HCCC1060(0.5), HCCC1070(0.5), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1270(3), HIST1990(1), HIST2500(3), HIST2600(3), HIST2700(3), HIST2900(3), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2030(3), HLTH2060(3), HONR1000(1), HSEM1000(1), HSEM1990(1), HSEM2000(2), HSER1100(3), HSER1200(3), HSER1300(3), HSER1400(3), HSER1500(3), HSER1600(2), HSER1700(3), HSER1800(3), HSER1900(3), HSER2100(1), HSER2101(6), HTN1000(1), HTN1001(4), HTN2003(3), HTN2100(4), HTN2150(2), HTN2200(1), HTN2300(12), INTD2260(3), MATH1010(3), MATH1031(3), MATH1032(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1170(4), MATH1180(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH1990(1), MATH2000(4), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MLT1000(1), MLT1100(2), MLT1200(1), MLT1250(2), MLT1990(1), MLT2050(4), MLT2080(4), MLT2100(4), MLT2150(3), MLT2310(1), MLT2320(2), MLT2330(1), MLT2340(1), MLT2350(2), MLT2360(2), MLT2380(2), MUSC1130(1), MUSC1150(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1251(2), MUSC1252(2), MUSC1300(3), MUSC1350(3), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1600(2), MUSC1610(1), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC1990(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2251(2), MUSC2252(2), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), NSCI1990(1), NURS1001(4), NURS1990(1), NURS2010(1), NURS2700(9), NURS2720(4), NURS2750(2), NURS2800(7), NURS2820(3), NURS2850(2), NURS2900(7), NURS2920(2), NURS2950(3), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHIL1990(1), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1220(2), PHYS1601(5), PHYS1602(5), PHYS1990(1), PLA1010(2), PLA1020(1), PLA1025(0), PLEG1111(3), PLEG1210(2), PLEG1330(3), PLEG1411(3), PLEG1412(3), PLEG1430(1), PLEG1510(2), PLEG1990(3), PLEG2211(3), PLEG2212(3), PLEG2310(3), PLEG2510(3), PLEG2620(3), PLEG2710(3), PLEG2810(1), PLEG2930(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS1990(1), POLS2130(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC1990(1), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), PUBW1010(4), PUBW1020(4), PUBW1030(4), PUBW1040(4), PUBW1050(4), PUBW1060(4), SOC1110(3), SOC1130(3), SOC1210(3), SOC1710(3), SOC1720(3), SOC1730(3), SOC1750(3), SOC1990(1), SOC2110(3), SOC2210(3), SOC2730(3), SOC2740(3), SOC2800(2), SPAN1030(3), SPAN1050(3), SPAN1101(5), SPAN1102(5), SPAN1390(1), SPAN1990(1), SPAN2201(5), SPAN2202(5), TFT1110(1), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1),

TFT1610(1), TFT1710(3), TFT1990(1), TFT2010(3), TFT2110(3), TFT2500(3), TFT2950(1)

Emphasis in Film AA
2016 - 2017

The Associate of Arts (A.A.) degree with an emphasis in film gives students an understanding of – and experience with – audio-visual communication. You will learn how film and video actually work to produce an effect on an audience and how these media principles can be applied in your life and career. Such skills are now in high demand by employers as more and more companies look for people who can communicate through audio-visual media. The A.A. with emphasis in Film provides a solid foundation in film theory should you decide to continue your film studies at a four-year institution.

The Associate of Arts with an Emphasis in Film is designed to articulate to:

- Metropolitan State University B.A. in Screenwriting degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
TFT1250	Introduction to Film	3		
TFT1270	Digital Video Production	3		
TFT1280	Introduction to Screenwriting	3		
TFT1310	American Cinema	3		
TFT1320	World Cinema	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 6 credits:				
TFT1110	The NHCC Filmmaking Project: Student Activity Class *or*	1		
TFT1210	Introduction to Theatre *or*	3		
TFT1260	Introduction to Television *or*	3		
TFT1290	Design for Theatre *or*	3		
TFT1500	Acting I: Improvisation and Foundations *or*	3		
TFT1540	Acting for the Camera *or*	3		
TFT1600	Theatre Practicum: Performance *or*	1		
TFT2010	Fundamentals of Directing *or*	3		
TFT2110	The NHCC Filmmaking Project: Capstone Class	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PHIL1020	Ethics	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1200, CHEM1000, PHYS1120 - 4 credits:				
BIOL1200	Current Environmental Issues *or*	4		
CHEM1000	Chemistry and Society *or*	4		
PHYS1120	Meteorology	4		
Natural Sciences (Goal Area 3) in a different discipline - 3 credits[1]				
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits[2]				
Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits, at least one course from Behavioral Sciences and one course from Social Sciences.[3]				
Behavioral Sciences (Goal Area 5)[4]				
Social Sciences (Goal Area 5)[5]				
MnTC Electives - 4 credits[6]				

Exercise Science Electives - 1 credit[7]
Health Electives - 3 credits[8]

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 Overall GPA for NHCC courses				

Subtotal 0

Total Credit Required 60

Degree Requirements

2.00 Overall GPA for NHCC courses

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- how film traditions and filmmaking developments in America have contributed to our culture – at times both inhibiting and developing our understanding of our own cultural diversity;
- how film traditions and developments in non-English-speaking countries have contributed to filmmaking and world culture;
- how the elements of film work together to produce an effect on an audience; how cinematography, design, editing, sound, theme, screenplay, performance, and directing combine to make those impacts; and,
- how a film's social context and its political and religious influence show that film is not only an entertainment, but also a powerful tool for communication of a point of view.

Intellectual and Practical Skills, including:

- using critical skills (interpretive, evaluative, and analytical) toward understanding a film's intent, evaluating its effect, and judging its quality, not only from a United States perspective, but from a World perspective;
- demonstrating an ability to employ the elements of film to effectively and artistically communicate a message;
- experiencing a wide variety of approaches to filmmaking.

Personal and Social Responsibility, including:

- the ability to work independently and collaboratively in a high-pressure creative environment;
- acting with sensitivity to cultural differences in films and filmmaking, both in what's portrayed as well as toward the people making them.

Integrative Learning, including:

- participating in the various aspects of filmmaking mentioned above;
- demonstrating a required level of proficiency in creating images and sounds that work together to produce the effect they intend on an audience;
- investigating careers in film and television.

Be prepared to transfer to a four year institution in this discipline:

- Currently articulates to Metropolitan State University's Screenwriting B.A. Program; pending with Film Studies at St. Cloud State University and Moorhead State University; and,
- Graduates will have completed all 10 Goal Areas of the Minnesota Transfer Curriculum requirements and have a foundation of knowledge in film to prepare them for transfer to a baccalaureate program in Film Studies or Screenwriting.

Degree Information

The Associate of Arts (A.A.) is awarded for successful completion of 60 credits and is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirement of the desired transfer institution in addition to the MnTC and A.A. requirements.

A student shall:

- Earn a minimum of 60 semester credits.
- Earn a grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- Earn a minimum of 20 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
- Complete the general education distribution requirement listed in the Minnesota Transfer Curriculum. The student shall select general education (MnTC) courses numbered 1000 or above to complete a minimum of 40 credits.
- Have four years in which to complete their work under the terms of the catalog in effect at the time of their first enrollment.
- Students taking more than four years to complete their graduation requirements may follow any catalog in effect during the four-year period preceding their date of graduation.

Required A.A. Degree Course Distribution:

- Complete 40 credits in the Minnesota Transfer Curriculum satisfying the requirements for each of the 10 goal areas.
- Complete at least 4 credits for the Wellness requirement with at least one course from each of the following areas: Health (all courses) and Physical Education (all courses).
- Complete 16 elective credits selected from all courses listed in the College's offerings, which are numbered 1000 or higher.

Completion of an A.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences (Goal Area 3) in a different discipline - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. Mathematics/Logical Reasoning (Goal Area 4) - 3 credits: MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), PHIL1050(3)

3. Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits, at least one course from Behavioral Sciences and one course from Social Sciences.: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

4. Behavioral Sciences (Goal Area 5): ANTH1010(3), ANTH1130(3), ANTH1140(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

5. Social Sciences (Goal Area 5): ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3)

6. MnTC Electives - 4 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

7. Exercise Science Electives - 1 credit: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4)

8. Health Electives - 3 credits: HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2030(3), HLTH2060(3)

Finance and Investments Cert
2016 - 2017

This certificate covers the basic functions of finance: business finance, financial planning and investments for professional development and/or career exploration. Many of the courses can be taken online. Courses can be applied to the A.A.S. degree in Finance Management. The courses from this program are delivered in the classroom and/or online. The certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1400	Business Mathematics	3		
BUS1410	Introduction to Business Finance	3		
BUS1430	Financial Statement Analysis	2		
BUS1440	Personal Financial Planning	3		
BUS1450	Investments	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 14

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Intellectual and Practical Skills, focused by:

- Solve application problems involving basic business calculations such as percent's, interests, time value of money among others.
- Describe the basic concepts of finance as it relates to business and quantitatively apply knowledge gained to assess financial risks of both individual and business decisions.
- Describe the basic concepts of finance as it relates to business and quantitatively apply knowledge gained to assess financial risks of both individual and business decisions.
- Identify financial opportunities and examine the viability or feasibility of a new business concept through analyzing financial cases and applying central financial concepts.
- Interpret, compare, and critique company's financial statements.

Integrative and Applied Learning, including:

- Demonstrate the ability to utilize criteria for segmenting and evaluating alternative investments by conducting quantitative and qualitative primary investment research.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Finance Management AAS
2016 - 2017

The Finance Management program provides a background for entry positions in financial occupations. It includes courses in business and personal finance, credit and collections, and investments as well as general business and management courses. The courses from this program are delivered in the classroom and/or online.

The Associate of Applied Science in Finance Management is designed to articulate to:

- Concordia University St. Paul in B.B.A. in Finance degree
- Concordia University St. Paul in B.A. in Business degree
- Concordia University St. Paul B.A. in Human Resource Management degree
- Concordia University St. Paul B.A. in Marketing and Innovation Management degree
- Bethel University B.A. in Business Management degree
- Minnesota State University Moorhead B.S. in Project Management
- University of Minnesota Crookston B.A. in Business Management degree

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1220	Effective Supervision	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Courses - Finance Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1400	Business Mathematics	3		
BUS1410	Introduction to Business Finance	3		
BUS1430	Financial Statement Analysis	2		
BUS1440	Personal Financial Planning	3		
BUS1450	Investments	3		
BUS1810	Entrepreneurship	4		
CIS1220	Decision Making Excel	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10[1]				
(The MnTC Electives selected must total a minimum of 5 credits.)[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world and apply to daily business practice.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks including the use of spreadsheet tools and formulas.
- Use quantitative analysis of financial information and accounting concepts to interpret information.
- Solve application problems involving basic business calculations such as percent's, interests, time value of money among others.
- Describe the basic concepts of finance as it relates to business and quantitatively apply knowledge gained to assess financial risks of both individual and business decisions.
- Identify financial opportunities and examine the viability or feasibility of a new business concept through analyzing financial cases and applying central financial concepts.
- Interpret, compare, and critique company's financial statements.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Demonstrate the ability to utilize criteria for segmenting and evaluating alternative investments by conducting quantitative and qualitative primary investment research.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a comprehensive sales plan that reflects specific sales concepts and tactics.
- Production of a business model and business plan.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(3), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. (The MnTC Electives selected must total a minimum of 5 credits.): AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Game Programming Cert
2016 - 2017

The Game Programming Certificate provides students with an opportunity to learn how to create interactive computer games, including Web-based ones. It targets students who want to acquire skills needed for game design and programming. The required Game Programming course utilizes programming language chosen by instructor. The Certificate offers a choice between the three most popular programming languages: Java, C++ and C#.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CSCI1030	Programming for Internet	3		
CSCI1035	Introduction to Computer Programming with Games	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 4 credits:				
CSCI1120	Programming in C/C++ *or*	4		
CSCI1130	Introduction to Programming in Java *or*	4		
CSCI1150	Programming in C# for .NET	4		
Program Electives - 5 credits:				
CSCI1020	Beginning Web Page Programming *or*	1		
CSCI1025	Responsive Web Design *or*	1		
CSCI1040	Fundamentals of Structured Query Language (SQL) *or*	3		
CSCI1990	Topics: *or*	1		
CSCI2011	Programming in Python *or*	1		
CSCI2060	Web Programming in ASP.NET	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
5 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 16

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and NAtural World, including:

- Designing appealing and functional user interfaces.

Intellectual and Practical Skills, including:

- How to plan an interactive game.
- Specifics of game desing for Internet delivery
- How to design and deploy a website
- How to porgram in one of the major general computer languages

Gainful Employment Program Information

Game Programming

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

General Accounting Cert
2016 - 2017

The purpose of this certificate is for students to learn accounting (manual & computer) skills to prepare for an entry-level accounting position in a small to medium-size business. Some of the courses are offered online. Courses can be applied to the A.A.S. or A.S. in Accounting. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
ACCT2112	Managerial Accounting	4		
ACCT2230	Computerized Accounting with QuickBooks	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1200	Principles of Management	3		
BUS1210	Managerial Communication	3		
BUS1300	Legal Environment of Business	3		
CIS1220	Decision Making Excel	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2250 or ACCT2260 - 1 course:				
ACCT2250	Small Business Payroll *or*	2		
ACCT2260	Small Business Income Taxes	2		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
9 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 28

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- The theory and practice of the accounting process

Intellectual and Practical Skills:

- How to analyze financial information and make business decisions using critical thinking and problem solving skills
- How to communicate effectively, in oral and written forms

Personal and Social Responsibility and Engagement:

- How to evaluate professional responsibilities, including ethical issues

Integrative and Applied Learning:

- Use of technology including Microsoft Word, Excel and PowerPoint

Upon completion of the program the student will be prepared for entry level work in the accounting field. Courses in this degree may transfer to four year colleges. Consult with an advisor for further information.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Gainful Employment Program Information

[General Accounting](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and [www.bls.gov.](http://www.bls.gov)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Graphic Design AS
2016 - 2017

NHCC's Graphic Design program starts with a fine arts foundation that gives students hands-on experience with design concepts. Drawing, painting, color theory, photography, dimensional design (2D, 3D) and art history classes help students to begin thinking like designers, with or without a computer. Of course, as foundation skills are gained, graphic design courses then emphasize industry-standard digital tools and software (Apple computers, Adobe Creative Suite) to harness design thinking and developing technical skills for more advanced concepts and projects.

NHCC graphic design majors work across different media: print, packaging, and book publication; web design and web animation; video and social media; sometimes street art and temporary installations. We learn digital and technical tools, but also how the design industry operates. We learn the actual language of design, we learn about audiences and work cultures, we learn strategies for developing a professional network of contacts, we learn about accepting constructive criticism and acknowledging the importance of other opinions, we learn interpersonal communication strategies to prepare for real professional situations. We work with real clients in advanced classes on projects that have an impact in the "real world." Small class sizes and one-on-one time with accomplished faculty artists and designers allow students to form the skills and opportunities needed to pursue, and get, jobs with graphic design industry employers. In fact, starting in the spring of 2015 NHCC's Graphic Design Program began working with metro area employers for paid graphic design internships. Students with consistently strong performance in their degree coursework are able to compete for these opportunities.

NHCC alumni have gone on to own their own graphic design studios and have worked for a long list of employers such as The Minnesota Twins, Nickelodeon, 3M, the Smithsonian Institution, Target, Best Buy, Colle+McVoy, and Minnesota Public Radio, to name just a few. NHCC's annual collection of student art and writing, Under Construction, is designed by students and has earned 30 national awards for content and design since 1968. It offers a rare chance to be a published writer and/or artist as part of a community college experience. See Under Construction as an e-publication at http://nhcc.edu/publications.

The NHCC Associate of Science in Graphic Design degree is for students who are interested in: Working as graphic designers, web/interactive designers, art directors, production artists, illustrators or in related jobs at design studios, advertising agencies, marketing and public relations companies, corporate art departments, magazines, websites and newspapers

• Working as self-employed (freelance) graphic designers, web/interactive designers, or illustrators
• Continuing study in a baccalaureate or professional degree program for graphic design, web/interactive design, or illustration.
• The degree is friendly towards continuing studies in graphic design at a 4-year college/university.
• NHCC has a graphic design articulation agreement with Concordia University in downtown St. Paul, also with Minnesota State University, Moorhead, Minnesota. Articulation agreements allow all credits from a two year degree to count as progress towards the 4-year degree with the partnering College or University.
• Talk with an academic advisor (http://nhcc.edu/student-resources/academic-advising) about possibilities for continuing study, and about determining the best sequence of fine arts core courses to take before moving into graphic design courses.

Make your dreams take shape, literally, with Graphic Design at NHCC!

Program Courses: Fine Arts

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ART1040	Introduction to Art	3		
ART1301	Two Dimensional Design I	3		
ART1310	Three Dimensional Design	3		
ART1340	Fundamentals of Color	3		
ART1401	Drawing I	3		
ART2611	Painting I	3		
ART1101 or ART1160 - 1 course:				
ART1101	Photography I *or*	3		
ART1160	Digital Photography	3		

Program Courses: Graphic Design

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ART2540	Illustration	3		
ART2550	Typography	3		
ART2561	Web Design/Graphics I	3		
ART2562	Web Design/Graphics II	3		
ART2601	Graphic Design I	3		
ART2602	Graphic Design II	3		
ART2810	Publication Design	2		
ART2901	Desktop Design I	3		
ART2902	Desktop Design II	3		

General Education Course

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I:				
ENGL1200	Gateway College Writing **or**	4		
ENGL1201	College Writing I	4		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits[2]				
MnTC Goal Areas 7, 9 or 10 - 3 credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being by:

- Demonstrating skill in the foundation studio arts courses

Develop intellectual and practical skills, including:

- Verbally and visually communicating their knowledge of design
- Competently critiquing design
- Designing effectively with type and images
- Communicating traditional design concepts with the latest technology so as to be effective graphic designers in today's environment

Demonstrate personal and social responsibility, including:

- Developing constructive, organized work habits and professional presentation skills
- Developing an understanding of the creative accomplishments of other people and cultures, past and present, in the development of the field of graphic design
- Studying the ethics in the use of ideas and technical information as a foundation for respect of intellectual ownership

Integrative Learning, including:

- Managing a design problem from conceptualization to a finished layout
- Writing and designing a professional portfolio
- Demonstrating visual problem solving that employs technical skills and comprehension of the historical context of graphic design with application for contemporary design

Be prepared to transfer to and succeed at an upper-level academic institution.

Notes

To complete the Minnesota Transfer Curriculum, in addition to the courses listed above the student will need to take these additional goal area credits:

- Goal Area 1: ENGL 1202 College Writing II - 2 credits
- Goal Area 1: Speech course - 3 credits
- Goal Area 3: 4 credits or 7 credits (if Goal Area 4 Math course was taken to fulfill the option for this degree) with lab component on one of the course choices in this goal area
- Goal Area 4: 3 credits, if student has no Goal Area 4 classes
- Goal Area 5: 6 credits
- Goal Areas 7, 9, and 10: 6 additional credits (beyond the 3 credits selected in the program) with 3 credits in each of the areas

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

3. MnTC Goal Areas 7, 9 or 10 - 3 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ASL1300(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), NSCI1110(4), PHIL1020(3), PHIL1040(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), TFT1210(3), TFT1310(3), TFT1350(3)

Health Science Broad Field AS
2016 - 2017

This program in health sciences prepares individuals for transfer to a variety of baccalaureate degree programs. Includes instruction in the basic sciences and aspects of the subject matter related to various health occupations.

The Associate of Science in Health Sciences Broad Field is designed to articulate to:

- Bemidji State University, including but not limited to: Community Health, Exercise Science and Nursing (limited seats available on a competitive basis)
- Metropolitan State University including but not limited to: Nursing (limited seats available on a competitive basis)
- Minnesota State University, Mankato, including but not limited to: Communication Disorder, Food and Nutrition, Dental Hygiene (limited seats available on a competitive basis), Therapeutic Recreation, Dietetics, Nursing (limited seats available on a competitive basis), Corrections, Psychology, Health Science and Social Work
- Minnesota State University, Moorhead, including but not limited to: Health Education, Exercise Science and Community Health
- Saint Cloud State University, including but not limited to: Athletic Training, Community Health and Social Work
- Southwest Minnesota State University, including but not limited to: Exercise Science
- Winona State University, including but not limited to: Health, Exercise and Rehabilitative Services, Movement Sciences, Cardiopulmonary Rehabilitation, Exercise Science, Health Promotion, Nursing (limited seats available on a competitive basis) and Biology - Allied Health
- Northwestern Health Sciences University

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1001	Biology I (minimum grade 2.0)	4		
BIOL2100	Microbiology (minimum grade 2.0)	4		
BIOL2111	Human Anatomy and Physiology I (minimum grade 2.0)	4		
BIOL2112	Human Anatomy and Physiology II (minimum grade 2.0)	4		
CHEM1061	Principles of Chemistry I (minimum grade 2.0)	4		
MATH1150	College Algebra (minimum grade 2.0)	3		
Elementary Statistics: (minimum grade 2.0)				
MATH1090	Statway Statistics II (minimum grade 2.0) *or*	4		
MATH1130	Elementary Statistics (minimum grade 2.0)	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1310	Intercultural Communication (minimum grade 2.0)	3		
College Writing I: (minimum grade 2.0)				
ENGL1200	Gateway College Writing (minimum grade 2.0) *or*	4		
ENGL1201	College Writing I (minimum grade 2.0)	4		
ENGL1202	College Writing II (minimum grade 2.0)	2		
PHIL1220	Health Care Ethics (minimum grade 2.0)	3		
PSYC1160	Introduction to Psychology (minimum grade 2.0)	4		
PSYC1250	Life Span Developmental Psychology (minimum grade 2.0)	4		
SOC1110	Introduction to Sociology (minimum grade 2.0)	3		

Additional Requirements

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HLTH1070	Nutrition (minimum grade 2.0)	3		
7-8 elective credits, excluding under 1000 level, to reach 60 credits:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate comprehension of human and biological systems

Intellectual and Practical Skills:

- Use the English language effectively to read, write, speak, and listen critically

Personal and Social Responsibility and Engagement:

- Employ awareness and understanding of health, wellness and liberal arts; Develop the capacity to identify, discuss, and reflect upon socialand behavioral issues

Integrative and Applied Learning:

- Apply mathematical and logical thinking

Upon completion of the program the student will be prepared to transfer to a baccalaureate program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Emphasis in History AA
2016 - 2017

The Associate in Arts with a history emphasis fulfills all MnTC requirements and provides students with all the required history courses to allow them to transfer to a four year institution with a junior standing in history. This program prepares the graduate to continue on toward a bachelor's degree with either a minor or a major in history.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HIST1200	History of United States Through 1877	3		
HIST1210	History of the United States Since 1877	3		
HIST2900	Applied History	3		
Complete (Hist 1010 and Hist 1020) OR (Hist 1110 and Hist 1120):				
HIST1010	World History: Origins to 1300 **and**	3		
HIST1020	World History: 1300 to Present **or**	3		
HIST1110	History of Western Civilization Pre 1550 **and**	3		
HIST1120	History of Western Civilization 1550 to Present	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program electives - 2 courses:				
HIST1030	Colonial History of the Americas **or**	3		
HIST1130	History of the Medieval West **or**	3		
HIST1140	History of the Ancient West **or**	3		
HIST1270	Race in America **or**	3		
HIST1990	Topics: **or**	1		
HIST2500	World Regional History **or**	3		
HIST2600	Intellectual History **or**	3		
HIST2700	History and Popular Culture	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010 or COMM1710 - 1 course:				
COMM1010	Fundamentals of Public Speaking **or**	3		
COMM1710	Oral Interpretation and Traditions	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) **or**	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
BIOL1200, GEOL1110, GEOL1120, NSCI1110 - 1 course:				
BIOL1200	Current Environmental Issues **or**	4		
GEOL1110	Physical Geology **or**	4		
GEOL1120	Historical Geology **or**	4		
NSCI1110	Minnesota's Natural History	4		
ANTH1020 or GEOG1010 - 1 course:				
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory **or**	3		
GEOG1010	Physical Geography	3		
MATH1130	Elementary Statistics	3		
3 courses from the following:				
ANTH1010	Introduction to Anthropology: Cultural Anthropology **or**	3		
GEOG1040	Human Geography **or**	3		
GEOG1100	World Geography **or**	3		
POLS1100	American Government and Politics **or**	3		
POLS1700	World Politics **or**	3		
PSYC1170	Psychology of Gender **or**	3		

SOC1110	Introduction to Sociology	3		
9 credits from the following:				
ART2180	Art History: Pre-History to the Age of Cathedrals **or**	3		
ART2190	Art History: Renaissance to 21st Century Art **or**	3		
ART2300	Architectural History **or**	2		
MUSC1300	Music in World Cultures **or**	3		
MUSC1350	History of Rock 'n Roll **or**	3		
PHIL1030	Eastern Religions **or**	3		
PHIL1040	Western Religions **or**	3		
TFT1350	The American Musical Theatre	3		
Health or Exercise Science - 2 credits[1]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 Overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 Overall GPA for NHCC courses

Notes

HIST 1110 & HIST 1120 can be replaced with HIST 1010 & HIST 1020.

Students planning to transfer to St. Cloud State University should complete HIST 1110 & HIST 1120.

Hist 1270 fulfills the General Education requirement of Diversity (MGM) at St. Cloud State University.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- broad knowledge of world history, ancient to present, including knowledge of chronology, place, and significance.
- broad knowledge of major fields of history and schools of historical interpretation.

Intellectual and Practical Skills, including:

- ability to evaluate primary and secondary source material
- ability to develop and critique historical arguments based on primary and secondary source material
- ability to communicate using the standards of the discipline
- ability to develop and complete a program of historical research, beginning with the development of a research topic, through producing an original secondary source of publishable quality

Personal and Social Responsibility, including:

- ability to identify and evaluate bias and perspective in written and audio-visual materials, including digital, internet, and broadcast media.
- insight into the construction of historical knowledge as reflective of personal and social contexts

Integrative Learning, including:

- ability to critically analyze, interpret, and synthesize various types of historical materials.
- understanding of the role of the past in causing current events, conflicts, and problems, and its richness as a source of possible solutions.

Be prepared to transfer to a four year institution in this discipline:

- Graduates will have completed all 10 Goal Areas of the Minnesota Transfer Curriculum requirements and have a foundation of knowledge in history to prepare them for transfer to a baccalaureate program.

Degree Information

The Associate of Arts (A.A.) is awarded for successful completion of 60 credits and is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirement of the desired transfer institution in addition to the MnTC and A.A. requirements.

A student shall:

- Earn a minimum of 60 semester credits.
- Earn a grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- Earn a minimum of 20 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
- Complete the general education distribution requirement listed in the Minnesota Transfer Curriculum. The student shall select general education (MnTC) courses numbered 1000 or above to complete a minimum of 40 credits.
- Have four years in which to complete their work under the terms of the catalog in effect at the time of their first enrollment.
- Students taking more than four years to complete their graduation requirements may follow any catalog in effect during the four-year period preceding their date of graduation.

Required A.A. Degree Course Distribution:

- Complete 40 credits in the Minnesota Transfer Curriculum satisfying the requirements for each of the 10 goal areas.
- Complete at least 2 credits for the Wellness requirement from either Health (all courses) or Physical Education (all courses).

If the student intends to transfer, he/she is encouraged to work with an advisor to fulfill requirements for transfer to the other institution.

Completion of an A.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Health or Exercise Science - 2 credits: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1)

Histotechnology AAS
2016 - 2017

The Histotechnology program is delivered by current certified practitioners in the field through evening classes, including a day shift internship component. Upon completion of this program, the student will be eligible to sit for the national certification examination. They will enter the health care team as a Histotechnician.

There is a formal application process that is separate from the college admission application.

BEFORE YOU APPLY - PREREQUISITES FOR ADMISSION TO THE PROGRAM:
1. Accuplacer Placement Tests 2. Chemistry Prerequisite 3. Minimum GPA Prerequisite

Note: Current enrollment in prerequisite courses does not meet application requirements. Applicants who meet only the application prerequisite/requirements at the time of application may receive provisional acceptance pending successful completion of Math 1150 College Algebra prior to starting in Histotechnology department courses.

1. Take Placement Tests - All applicants are required to take the Accuplacer placement to evaluate current competency and readiness for college-level courses. Visit the NHCC Testing Center website www.nhcc.edu/testing for more information including: practice questions, scheduling an appointment, & policies.

- Placement tests are required regardless of degree(s) held or coursework completed (no waivers accepted).
- Placement tests must be taken within the 3 years prior to your program application.
- All required coursework identified by the placement scores must be completed with a Pass/C grade or better after taking the test and prior to applying to the program.

In order to be ready to apply to the Histotechnology program, student must be college ready in Math (place into College Algebra - MATH1150 or higher); and Reading at college-level (no courses required); Ready for College Writing I (ENGL1201).

2. Chemistry Prerequisite - Applicants must have completed at minimum a full year of high school chemistry in the United States with a straight grade of "C" or higher OR a college-level Introduction to Chemistry (NHCC Chem 1010) with a straight grade of "C" or higher.

3. Minimum GPA Prerequisite - All College/Vocational-Technical Transcripts must include cumulative credits earned and grade point average. The minimum acceptable overall college GPA is 2.50. Minimum cumulative GPA in program-required math and science courses is 2.50.

If you have no college credits completed at the time of program application: High School Record must include final class rank percentile and grade point average. Applicants with only high school work must be at or above the 50% final class rank percentile (upper ½ of their class).

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
1 course from BIOL1001, BIOL1101: (minimum grade 1.67)				
BIOL1001	Biology I (minimum grade 1.67) **or**	4		
BIOL1101	Principles of Biology I (minimum grade 1.67)	4		
BIOL1230	Medical Terminology I - Basics	1		
BIOL2111	Human Anatomy and Physiology I (minimum grade 1.67)	4		
BIOL2112	Human Anatomy and Physiology II	4		
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4		
CHEM1062	Principles of Chemistry II	4		
COMM1110	Principles of Interpersonal Communication	3		
College Writing I:				
ENGL1200	Gateway College Writing **or**	4		
ENGL1201	College Writing I	4		
MATH1150	College Algebra	3		

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HTN1000	Clinical Laboratory Basics	1		
HTN1001	Histotechniques I	4		
HTN1002	Histotechniques II	2		
HTN2003	Histotechniques III	3		
HTN2100	Special Stains	4		
HTN2150	Special Procedures	2		
HTN2200	Histo-Anatomy	1		
HTN2300	Histology Clinical Experience	12		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credits Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

Most Histotechnology courses are offered at Abbott Northwestern Hospital through an Evening Attendance option. The program concludes with a clinical component that is only offered on the day shift.

Career Opportunities

Hospitals, Medical Clinics, Pharmaceutical Companies, Government Agencies, Chemical, and Industrial Companies, Medical Device Companies and Private Labs

Program Accreditation

The Histotechnology Program is accredited by the:
National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road, Suite 720
Rosemont, IL 60018
773-714-8880

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Develop entry level histotechnology skills in a clinical setting to prepare them for the workplace.

Intellectual and Practical Skills:

- Develop and demonstrate professionalism and concern for the customer.
- Develop competence in the theoretical knowledge and technical skills necessary for proficient performance of clinical laboratory procedures
- Utilize effective interpersonal communication skills with customers and coworkers.
- Utilize effective written communication skills appropriate for the professional setting.
- Develop competence in the theoretical knowledge necessary to prepare for the national certification examination of the profession.

Personal and Social Responsibility and Engagement:

- Value participation in continuous professional development.
- Develop awareness of the role and responsibilities of the histotechnician as a member of the health care team.

Integrative and Applied Learning:

- Apply critical thinking skills to correlating laboratory findings and common disease processes.
- Apply critical thinking skills to learning new techniques and procedures.

Upon successful completion of the program, the student will be eligible to sit for the national certification examination.

The pass rate was 100% on the national ASCP Board of Certification Histotechnician examination for graduates of this program for the years 2008 - 2012.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Human Services AS
2016 - 2017

Program Courses: Science Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1130	Human Biology with a Lab	4		

Program Courses: Human Services Core Curriculum

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
HSER1100	Introduction to Human Services	3		
HSER1200	Multicultural Awareness in Human Services	3		
HSER1300	Crisis Assessment and Intervention	3		
HSER1400	Basic Counseling Skills	3		
HSER1500	Group Processes	3		
HSER1600	Loss and Grief	2		
HSER1700	Family Functions and Interactions	3		
HSER2100	Human Services Seminar	1		
HSER2101	Human Services Internship	6		

Program Electives: Human Services Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 credits from HSER1800, HSER1900:				
HSER1800	Mental Disorders Through the Life Span *or*	3		
HSER1900	Current Human Services Topics	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1310	Intercultural Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PHIL1220	Health Care Ethics	3		
PSYC1160	Introduction to Psychology	4		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
7 credits from MnTC Goal Areas 4, 6 or 10[1]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Additional credits, if needed, to reach 60 credits:				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. 7 credits from MnTC Goal Areas 4, 6 or 10: ANTH1020(3), ANTH1130(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), INTD1030(3), INTD1040(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1200(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Individualized Studies AS
2016 - 2017

The Associate of Science in Individualized Studies is designed for students who are currently working or have experience in a professional career. The student-defined curriculum is designed to offer students the opportunity to develop career-related goals and pursue a program which is uniquely special and focuses on educational and professional development. There is a separate application required for this degree program.

The Associate of Science in Individualized Studies is designed to articulate to:

- Metropolitan State University B.A. in Individualized Studies degree

Program Planning Course

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PLA1010	Individualized Studies Development	2		

Individualized Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
25 credits are designed by the student to fit their career goals:				
The 25 credits can be earned in the following ways: NHCC courses, prior learning assessment, internships, transfer credits or ACE Equivalencies. The guidelines are as follows: A minimum of 13 program area credits must be earned in NHCC courses and/or prior learning assessment. No more than 12 credits may be applied to this area from transfer credits (additional transfer credits, however, may still be used as General Education credits) from accredited institutions or ACE equivalencies. Selection of courses in this category should be based on articulation agreements with the college you plan to transfer. Plan carefully if you are transferring for a baccalaureate degree. ** St. Cloud State University requires completion of a wellness course for graduation. PE/HLTH 1250 transfers to meet the requirement.				

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1000 or CIS1101 - 1 course:				
CIS1000	Electronic Keyboarding Communications *or*	3		
CIS1101	Business Computer Systems I	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010 or COMM1110 - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits[2]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[3]				
MnTC Goal Areas 7, 8, 9 or 10 - 3 credits[4]				
MnTC Electives - 9 credits[5]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World

- Develop a background of essential knowledge about the cultural, social, and natural worlds particularly in relationship to one's educational and/or career objectives.

Intellectual and Practical Skills

- Use clear and effective communication skills.
- Understand the relationship between chosen course work and career goals.
- Apply critical thought to problems and situations
- Develop computer skills necessary for personal use and a competitive job market.

Personal and Social Responsibility and Engagement

- Create plans and actualize goals for achieving personal, educational and/or career objectives.

Integrative and Applied Learning

- Effectively utilize the components of credit for prior learning to make educated decisions regarding future higher education goals.
- Plan and execute a program focus that matches career goals and/or further education goals and provides a liberal arts background.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and [www.bls.gov.](http://www.bls.gov)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

3. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

4. MnTC Goal Areas 7, 8, 9 or 10 - 3 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1110(3), COMM1310(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), ECON1050(3), ECON1060(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1210(3), TFT1260(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1710(3)

5. MnTC Electives - 9 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Internet Programming Cert
2016 - 2017

The Internet Programming Certificate concentrates on the methodological and technical aspects of software design and programming. The students will acquire expertise in software design, coding and testing in addition to essential knowledge of development methodology. To assure their success in the work place, students will learn how design and then program robust, interactive programs conforming to industry standards. The students will get sufficient knowledge to enter the job market related to Web development.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Courses - 19 credits:				
CSCI1020	Beginning Web Page Programming **or**	1		
CSCI1025	Responsive Web Design **or**	1		
CSCI1030	Programming for Internet **or**	3		
CSCI1040	Fundamentals of Structured Query Language (SQL) **or**	3		
CSCI1130	Introduction to Programming in Java **or**	4		
CSCI1150	Programming in C# for .NET **or**	4		
CSCI1990	Topics: **or**	1		
CSCI2001	Structure of Computer Programming I **or**	4		
CSCI2011	Programming in Python **or**	1		
CSCI2030	Database Modeling and Design **or**	4		
CSCI2060	Web Programming in ASP.NET	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
6 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 19

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

[Internet Programming](#)

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, including:

- Designing appealing and functional user interfaces

Intellectual and Practical Skills, including:

- How to program in Java
- How to design and deploy a Web site
- Specifics of programming Internet-based applications and services
- How to porgram ASP.NET-based Web sites utilizing C# language
- How to handle the data associated with Web applications and services

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Law Enforcement AS
2016 - 2017

North Hennepin's Associate in Science degree program in Law Enforcement provides students with a broad analysis of the relationship between law and society as well as a thorough examination of the interrelationships, functions and operations of the different components of the criminal justice system. It is designed to provide preparation for a variety of entry-level positions in state, county and municipal law enforcement agencies. Students in this associate degree program are required to complete the "Professional Licensing Core" courses at the Law Enforcement Education Center (763-657-3700) to earn the degree. To qualify for admission to the Law Enforcement program, applicants must first meet certain criteria. Please consult a counselor or advisor in NHCC Counseling and Advising Center for more information.

The Associate of Science in Law Enforcement is designed to articulate to:

- Concordia University at St. Paul B.A. in Criminal Justice degree
- Metropolitan State University B.S. in Law Enforcement degree

Program Courses - Law Enforcement Center

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Law Enforcement Education Center courses - 22 credits[1]				
Patrol Operations - 3 credits				
Legal Issues in Law Enforcement - 3 credits				
Law Enforcement Integrated Curriculum - 10 credits				
Criminal and Traffic Codes - 3 credits				
Crime Investigation - 3 credits				

General Education Courses: Program Prerequisites

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I: (minimum grade 2.0)				
ENGL1200	Gateway College Writing (minimum grade 2.0) *or*	4		
ENGL1201	College Writing I (minimum grade 2.0)	4		
ENGL1202	College Writing II (minimum grade 2.0)	2		
PSYC1165	Psychology of Adjustment (minimum grade 2.0)	3		
SOC1110	Introduction to Sociology (minimum grade 2.0)	3		
SOC1710	Introduction to Criminal Justice (minimum grade 2.0)	3		
SOC1720	Police and Community (minimum grade 2.0)	3		
SOC1730	Juvenile Justice (minimum grade 2.0)	3		
SOC1750	Families in Crisis (minimum grade 2.0)	3		
SOC2210	Minority Groups (minimum grade 2.0)	3		
To qualify for admission into the Law Enforcement Education Center at Hennepin Technical College, all program prerequisites must be completed with a grade of C or better and a combined GPA of 2.50 or higher.				

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
EXSC1010	Physical Fitness	2		
HLTH1600	First Responder	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
PHIL1020	Ethics	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits[2]				
The Humanities and Fine Arts (Goal Area 6) - 4 credits[3]				

NHCC GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
2.00 overall GPA for NHCC courses				

Total Credit Required 68

Degree Requirements

To qualify for admission into the Law Enforcement Education Center at Hennepin Technical College, all program prerequisites must be completed with a grade of C or better and a combined GPA of 2.50 or higher.

2.00 overall GPA for NHCC courses

Notes

Applicants to the theory-based courses of the "Professional Licensing Program" must complete the nine prerequisite courses, or their equivalent, with at least a "C" grade (2.00 on a 4.00 scale) in each course and a cumulative GPA of 2.5.

US citizenship is not required for admission to the "Professional Licensing Program;" however, applicants must be US citizens before being hired by a law enforcement agency.

Applicants may not be convicted of a crime that would prohibit them from being admitted to the law enforcement program under the rules of the Minnesota Board of Peace Officer Standards and Training (POST).

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, including:

- an understanding of the history, organization and functions of the criminal justice system including legal issues, the purpose and function of police, courts, and corrections.
- an understanding of political, cultural and social class forces which impact the police, suspects, victims, and other parties involved in law enforcement.

Develop intellectual and practical skills, including:

- communicating effectively in work situations.
- obtaining and refining the necessary skills in interpersonal communication, mathematics, basic crime statistics, and report writing, as these skills relate to public contact and criminal activity.
- utilizing the intellectual and practical skills necessary to represent a public agency in a professional manner during routine public contacts, high stress situations, and arrests.

Demonstrate personal and social responsibility, including:

- identifying career opportunities in public law enforcement and private security agencies and the attributes that employers are seeking and creating an understanding that employers often require continued higher education, citizenship, and service to others for initial placement and promotion.
- developing a basic understanding of race, sex, color, religion, age, national origin, disability, marital status, status with regard to public assistance, sexual orientation, gender identification, and social class as related to criminal justice issues. This basic understanding should lead to tolerance, valuing differences, and leading to the acceptance of others.

Demonstrate integrative and applied learning, including:

- articulating the history and application of Criminal Justice with respect to Law Enforcement, as well as its relationship to the other social sciences.
- understanding concepts used in the Law Enforcement profession and how they will be applied in the field.
- understanding techniques and strategies used in crime investigation, patrol operations, and daily police work.

Upon completion of the program, be prepared to transfer to a baccalaureate program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Law Enforcement Education Center courses - 22 credits: LAWE0101(4), LAWE0103(3), LAWE0200(3), LAWE0201(4), LAWE0202(4), LAWE0203(4), LAWE0205(4), LAWE0206(4), LAWE0207(4), LAWE0208(4), LAWE0211(3), LAWE0212(3), LAWE0215(1), LAWE0220(3), LAWE1030(3), LAWE2120(3), LAWE2200(3)
2. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

3. The Humanities and Fine Arts (Goal Area 6) - 4 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Emphasis in Literature AA
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ENGL1150	Introduction to Literature (minimum grade 1.67)	3		
Survey of British Literature:				
ENGL2550	Survey of British Literature I *or*	3		
ENGL2560	Survey of British Literature II	3		
Survey of American Literature:				
ENGL2450	Survey of American Literature I *or*	3		
ENGL2460	Survey of American Literature II	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
English or American Literature courses not taken as Program Courses can be taken as electives.				
16 credits of Literature Electives:				
ENGL1400	Reading Poetry *or*	3		
ENGL1450	Reading Plays *or*	3		
ENGL1950	Graphic Novels *or*	3		
ENGL1990	Topics: *or*	1		
ENGL2270	Modern American Literature *or*	3		
ENGL2300	Children's Literature *or*	3		
ENGL2310	American Short Story *or*	3		
ENGL2330	Hmong American Literature *or*	3		
ENGL2340	Nature in Literature *or*	3		
ENGL2350	Women and Literature *or*	3		
ENGL2360	Global Literary Perspectives *or*	3		
ENGL2370	African American Literature *or*	3		
ENGL2380	American Indian Literature *or*	3		
ENGL2390	American Working-Class Literature *or*	3		
ENGL2450	Survey of American Literature I *or*	3		
ENGL2460	Survey of American Literature II *or*	3		
ENGL2550	Survey of British Literature I *or*	3		
ENGL2560	Survey of British Literature II *or*	3		
ENGL2580	Shakespeare's Plays *or*	3		
ENGL2900	Fantasy Literature *or*	3		
ENGL2950	Mystery and Detective Fiction	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
Communications, choose one course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1210	Small Group Communication	3		

MNTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course[1]				
Mathematical/Logical Reasoning - 1 course, at least 3 credits[2]				
History and the Social and Behavioral Sciences - 3 courses, 9 credits[3]				
Humanities and Fine Arts - 1 credit in a discipline other than English[4]				
Highly recommended courses: ART 2970, MUSC 2970, TFT 2950				
Ethical and Civic Responsibility - 1 course[5]				
People and the Environment - 1 course[6]				
Additional Electives, if needed, to reach 40 total MnTC credits[7]				

Health Requirement

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course[8]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 Overall GPA for NHCC courses				

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Elective credits, if necessary, excluding under 1000 level, to reach 60 credits[9]				

Total Credit Required 60

Degree Requirements

2.00 Overall GPA for NHCC courses

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. Mathematical/Logical Reasoning - 1 course, at least 3 credits: MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), PHIL1050(3)

3. History and the Social and Behavioral Sciences - 3 courses, 9 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

4. Humanities and Fine Arts - 1 credit in a discipline other than English: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)

5. Ethical and Civic Responsibility - 1 course: COMM1610(3), COMM1810(3), ECON1050(3), ENGL2390(3), ENGL2950(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1210(3), INTD1211(3), INTD1212(3), PHIL1020(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), SOC1130(3)

6. People and the Environment - 1 course: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PHIL1200(3)

7. Additional Electives, if needed, to reach 40 total MnTC credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(3), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

8. Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2060(3)

9. Elective credits, if necessary, excluding under 1000 level, to reach 60 credits: ACCT1000(4), ACCT1990(1), ACCT2111(4), ACCT2112(4), ACCT2230(3), ACCT2250(2), ACCT2260(2), ACCT2300(4), ADEV1950(3), ADEV1990(1), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ANTH1990(1), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC1990(3), ARBC2201(4), ART1040(3), ART1100(2), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1701(1), ART1702(1), ART1703(1), ART1704(1), ART1705(1), ART1706(1), ART1707(1), ART1708(1), ART1709(1), ART1710(1), ART1750(1), ART1770(3), ART1810(1), ART1820(2), ART1970(2), ART1980(1), ART1990(3), ART2180(3), ART2190(3), ART2300(2), ART2540(3), ART2550(3), ART2561(3), ART2562(3), ART2590(3), ART2601(3), ART2602(3), ART2611(3), ART2612(3), ART2640(3), ART2642(3), ART2740(1), ART2750(1), ART2781(1), ART2782(1), ART2800(1), ART2810(2), ART2820(1), ART2860(1), ART2870(1), ART2900(1), ART2901(3), ART2902(3), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL1400(3), ASL1990(1), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1030(4), BIOL1040(4), BIOL1100(2), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1230(1), BIOL1231(1), BIOL1300(1), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL1990(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIT1000(2), BIT1050(3), BIT1100(2), BIT1150(4), BIT1210(2), BIT1250(4), BIT1300(2), BIT1305(2), BIT1310(2), BIT1410(4), BIT1420(2), BIT1600(2), BIT1700(3), BIT1800(2), BIT1805(2), BIT1810(2), BIT1900(3), BIT2000(3), BIT2020(2), BIT2300(2), BIT2400(2), BIT2500(2), BIT2600(2), BIT2650(2), BUS1100(3), BUS1110(3), BUS1200(3), BUS1210(3), BUS1220(3), BUS1230(3), BUS1300(3), BUS1310(3), BUS1400(3), BUS1410(3), BUS1420(2), BUS1430(2), BUS1440(3), BUS1450(3), BUS1510(3), BUS1600(3), BUS1610(4), BUS1620(3), BUS1630(4), BUS1640(4), BUS1700(3), BUS1810(4), BUS1990(1), BUS2000(2), BUS2010(3), BUS2310(3), CC1000(5), CC1001(8), CC1002(2), CC1003(2), CC1004(4), CC1010(3), CC1020(3), CC1030(3), CC1032(4), CC1041(3), CC1062(5), CC1071(3), CC1080(3), CC1100(4), CC1101(4), CC1102(3), CC1103(3), CC1104(3), CC1106(3), CC1110(3), CC1111(3), CC1112(3), CC1115(1), CC1120(3), CC1121(4), CC1125(3), CC1127(3), CC1128(1), CC1130(3), CC1132(3), CC1135(2), CC1140(2), CC1141(4), CC1142(4), CC1150(3), CC1170(3), CC1180(5), CC1200(5), CC1221(3), CC1281(4), CC1300(3), CC1301(4), CC1302(4), CC1310(5), CC1327(6), CC1390(2), CC1400(2), CC1405(3), CC1420(4), CC1460(3), CC1500(3), CC1505(4), CC1600(2), CC1700(3), CC1711(4), CC1712(4), CC1730(3), CC1740(3), CC1750(4), CC1819(5), CC2000(4), CC2020(3), CC2040(4), CC2041(4), CC2050(3), CC2051(3), CC2061(5), CC2080(3), CC2082(3), CC2100(4), CC2110(3), CC2112(3), CC2113(4), CC2125(3), CC2130(3), CC2132(3), CC2134(3), CC2200(3), CC2201(4), CC2210(5), CC2212(3), CC2215(3), CC2224(4), CC2225(3), CC2230(3), CC2231(3), CC2237(3), CC2240(4), CC2241(3), CC2251(4), CC2252(4), CC2299(9), CC2300(4), CC2420(3), CC2500(3), CC2626(3), CC2721(5), CC3001(3), CC3005(4), CC3022(3), CC3412(3), CC3602(2), CC4101(3), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), CHEM1990(1), CHEM2061(5), CHEM2062(5), CHEM2073(4), CIS1000(3), CIS1101(3), CIS1102(3), CIS1200(3), CIS1210(3), CIS1220(3), CIS1230(3), CIS1240(3), CIS1250(3), CIS1260(3), CIS1300(1), CIS1310(3), CIS1320(2), CIS1400(3), CIS1500(1), CIS1510(1), CIS1520(1), CIS1530(1), CIS1700(3), CIS1990(1), CIS2010(3), CIS2310(3), CMSV1000(4), CMSV1200(3), CMSV1300(3), CMSV1990(1), CMSV2100(3), CMSV2200(4), CMSV2860(2), CMSV2870(3), CMSV2875(4), CMSV2880(4), CMSV2885(4), CMSV2890(3), CMSV2895(3), CMSV2900(3), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), COMM1990(1), CRD1000(3), CRD1010(1), CSCI1000(3), CSCI1020(1), CSCI1025(1), CSCI1030(3), CSCI1035(4), CSCI1040(3), CSCI1050(3), CSCI1120(4), CSCI1130(4), CSCI1150(4), CSCI1180(4), CSCI1990(1), CSCI2001(4), CSCI2002(4), CSCI2010(4), CSCI2011(1), CSCI2020(4), CSCI2030(4), CSCI2050(3), CSCI2060(4), CSCI2100(4), CSCI2400(4), CSCI2500(4), ECON1050(3), ECON1060(3), ECON1070(3), ECON1990(1), EDUC1210(3), EDUC1280(3), EDUC1350(3), ENGL1140(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1260(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1940(3), ENGL1950(3), ENGL1960(3), ENGL1990(1), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2900(3), ENGL2950(3), ENGL2960(1), ENGR1000(3), ENGR1200(3), ENGR1990(1), ENGR2301(3), ENGR2302(3), ENGR2303(3), ENGR2501(4), ENGR2502(4), ENGR2511(1), ENGR2512(1), ENGX1201(8), ESOL1060(2), ESOL1080(2), ESOL1230(4), ESOL1260(4), ESOL1280(4), ESOL1990(1), EXSC1000(1), EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1060(2), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1860(1), EXSC1990(1), EXSC2010(3), EXSC2100(3), EXSC2110(3), EXSC2200(2), EXSC2270(3), EXSC2390(3), EXSC2490(4), EXSC2750(3), FYE1020(2), FYE1990(2), GCST1030(3), GCST1040(3), GCST1100(12), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GCST1990(1), GCST2260(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOG1990(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GEOL1990(1), HCCC1010(0.5), HCCC1020(0.5), HCCC1030(1), HCCC1040(0.5), HCCC1050(0.5), HCCC1060(0.5), HCCC1070(0.5), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1270(3), HIST1990(1), HIST2500(3), HIST2600(3), HIST2700(3), HIST2900(3), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1), HLTH2030(3), HLTH2060(3), HONR1000(1), HSEM1000(1), HSEM1990(1), HSEM2000(2), HSER1100(3), HSER1200(3), HSER1300(3), HSER1400(3), HSER1500(3), HSER1600(2), HSER1700(3), HSER1800(3), HSER1900(3), HSER2100(1), HSER2101(6), HTN1000(1), HTN1001(4), HTN1002(3), HTN2003(3), HTN2100(4), HTN2150(2), HTN2200(1), HTN2300(12), INTD2260(3), MATH1010(3), MATH1031(3), MATH1032(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1170(4), MATH1180(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH1990(1), MATH2000(4), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MLT1000(1), MLT1100(2), MLT1200(1), MLT1250(2), MLT1990(1), MLT2050(4), MLT2080(4), MLT2100(4), MLT2150(3), MLT2310(1), MLT2320(2), MLT2330(1), MLT2340(1), MLT2350(2), MLT2360(2), MLT2380(2), MUSC1130(1), MUSC1150(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3),

MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1251(2), MUSC1252(2), MUSC1300(3), MUSC1350(3), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1600(2), MUSC1610(1), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC1990(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2251(2), MUSC2252(2), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), NSCI1990(1), NURS1001(4), NURS1990(1), NURS2010(1), NURS2700(9), NURS2720(4), NURS2750(2), NURS2800(7), NURS2820(3), NURS2850(2), NURS2900(7), NURS2920(2), NURS2950(3), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHIL1990(1), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1220(2), PHYS1601(5), PHYS1602(5), PHYS1990(1), PLA1010(2), PLA1020(1), PLA1025(0), PLEG1111(3), PLEG1210(2), PLEG1330(3), PLEG1411(3), PLEG1412(3), PLEG1430(1), PLEG1510(2), PLEG1990(3), PLEG2211(3), PLEG2212(3), PLEG2310(3), PLEG2510(3), PLEG2620(3), PLEG2710(3), PLEG2810(1), PLEG2930(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS1990(1), POLS2130(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC1990(1), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), PUBW1010(4), PUBW1020(4), PUBW1030(4), PUBW1040(4), PUBW1050(4), PUBW1060(4), SOC1110(3), SOC1130(3), SOC1210(3), SOC1710(3), SOC1720(3), SOC1730(3), SOC1750(3), SOC1990(1), SOC2110(3), SOC2210(3), SOC2730(3), SOC2740(3), SOC2800(2), SPAN1030(3), SPAN1050(3), SPAN1101(5), SPAN1102(5), SPAN1390(1), SPAN1990(1), SPAN2201(5), SPAN2202(5), TFT1110(1), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT1990(1), TFT2010(3), TFT2110(3), TFT2500(3), TFT2950(1)

Management AAS
2016 - 2017

The Associate of Applied Science in Management is designed for students wanting a diversified business background with an opportunity to concentrate on specialized functions of management. Courses are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

The Associate of Applied Science in Management is designed to articulate to:

- Minnesota State University Moorhead B.S. in Project Management
- Concordia University St. Paul B.A. in Organizational Management and Leadership
- Concordia University St. Paul B.A. in Business
- Concordia University St. Paul B.A. in Human Resource Management
- Concordia University St. Paul B.A. in Marketing and Innovation Management

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1220	Effective Supervision	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Courses - Management Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2112	Managerial Accounting	4		
BUS1200	Principles of Management	3		
BUS1300	Legal Environment of Business	3		
BUS1510	Operations Management	3		
BUS1630	Professional Sales and Management	4		
BUS1810	Entrepreneurship	4		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10[1]				
(The MnTC Electives selected must total a minimum of 5 credits.)[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpret information.
- Apply legal principles to problems commonly experienced in the business world.
- Apply legal principles to problems commonly experienced in the business world.
- Apply the tools and techniques used by real-life operations professionals in controlling the operations system.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a comprehensive sales plan that reflects specific sales concepts and tactics.
- Production of a business model and business plan.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. (The MnTC Electives selected must total a minimum of 5 credits.): AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Management Cert
2016 - 2017

This certificate is for students who want to learn the essentials involved with managerial and supervisory positions. All of the courses can be taken online. Courses can be applied to the Business Administration A.S. Degree - Management Concentration or various A.A.S. degrees.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1200	Principles of Management	3		
BUS1220	Effective Supervision	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 12

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Gainful Employment Program Information

[Management](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and [www.bls.gov.](http://www.bls.gov)

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Marketing AAS
2016 - 2017

The Associate of Applied Science in Marketing is designed for students interested in professional sales, marketing, or marketing research careers. Opportunities exist in a variety of firms including wholesale, industrial, service organizations, and manufacturers. The courses from this program are delivered in the classroom and/or online.

The Associate of Applied Science in Marketing is designed to articulate to:

- Concordia University B.A. in Marketing Management and Innovation degree
- Concordia University B.B.A. in Marketing degree
- Concordia University B.A. in Organizational Management and Leadership degree
- Concordia University B.A. in Human Resources Management degree
- Concordia University B.A. in Business degree
- Kaplan University B.S. Marketing
- Minnesota State University Moorhead B.S. in Project Management
- University of Minnesota Crookston B.S. Business Management degree

Program Courses - Business Foundation

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		
BUS1100	Introduction to Business	3		
BUS1110	Human Relations & Professional Skills	3		
BUS1220	Effective Supervision	3		
BUS1600	Principles of Marketing	3		
CIS1101	Business Computer Systems I	3		

Program Courses - Marketing Specialty

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1200	Principles of Management	3		
BUS1300	Legal Environment of Business	3		
BUS1610	Consumer Behavior	4		
BUS1620	Advertising and Sales Promotion	3		
BUS1630	Professional Sales and Management	4		
BUS1810	Entrepreneurship	4		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
ECON1060	Principles of Economics Macro	3		
ECON1070	Principles of Economics Micro	3		
College Writitng I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10[1]				
(The MnTC Electives selected must total a minimum of 5 credits.)[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS 66123

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, focused by:

- Describe the major functional areas of American businesses and the global aspects and legal and ethical responsibility of businesses operating profitably in a changing world.
- Describe supervisory issues in planning, human resources, team building, and motivation and apply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communication appropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solve basic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpret information.
- Apply legal principles to problems commonly experienced in the business world.
- Prepare quantitative and qualitative market research within the scope of consumer behavior
- Analyze marketing communication situations and develop promotional strategic solutions.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles and diversity in general and demonstrate behavior that respects those differences.

Integrative and Applied Learning, including:

- Develop a managerial strategic plan that includes critical elements of planning, organizing, leading, and controlling.
- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Production of a comprehensive sales plan that reflects specific sales concepts and tactics.
- Production of a business model and business plan.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. (The MnTC Electives selected must total a minimum of 5 credits.): AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Marketing and Sales Cert
2016 - 2017

This certificate is for students to learn successful leadership, teamwork, and communication skills that can be applied in business situations. Some of the classes can be taken online. Courses can be applied to many of the A.A.S. or A.S. Degrees in Business. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1600	Principles of Marketing	3		
BUS1610	Consumer Behavior	4		
BUS1620	Advertising and Sales Promotion	3		
BUS1630	Professional Sales and Management	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 14

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Intellectual and Practical Skills, focused by:

- Prepare quantitative and qualitative market research within the scope of consumer behavior.
- Analyze marketing communication situations and develop promotional strategic solutions.

Integrative and Applied Learning, including:

- Illustrate the marketing concept through the completion of a comprehensive marketing plan.
- Produce a comprehensive sales plan that reflects specific sales concepts and tactics.

Gainful Employment Program Information

Marketing

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Mathematics AS
2016 - 2017

The Associate of Science degree in Mathematics prepares students for continued study in a baccalaureate degree program in mathematics, statistics, computer science, science, and engineering as well as for positions in those fields.

The Associate of Science in Mathematics is designed to articulate to:

- Minnesota State University Mankato B.S. in Mathematics degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CSCI1130	Introduction to Programming in Java	4		
CSCI2010	Discrete Mathematical Structures	4		
MATH1221	Calculus I (minimum grade 1.67)	5		
MATH1222	Calculus II (minimum grade 1.67)	5		
MATH2220	Calculus III	5		
MATH2300	Linear Algebra	3		
MATH2400	Differential Equations	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 1 course:				
ECON1060	Principles of Economics Macro *or*	3		
HIST1020	World History: 1300 to Present *or*	3		
HIST1110	History of Western Civilization Pre 1550 *or*	3		
HIST1120	History of Western Civilization 1550 to Present *or*	3		
HIST1130	History of the Medieval West *or*	3		
POLS1700	World Politics *or*	3		
PSYC1150	General Psychology	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010 or COMM1110 - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication	3		
BIOL1001 or CHEM1061 - 1 course:				
BIOL1001	Biology I *or*	4		
CHEM1061	Principles of Chemistry I	4		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
PHYS1601	General Physics I	5		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MnTC Goal Areas 6, 8, 9 or 10 - 3 credits[1]				
MnTC Electives - 4 credits[2]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- learning to value and enjoy mathematics
- confidence in one's ability to do mathematics

Intellectual and Practical Skills, including:

- ability to be a mathematical problem solver
- ability to communicate mathematical ideas clearly, efficiently, and effectively in both written and oral forms
- ability to reason mathematically

Personal and Social Responsibility, including:

- ability to function in a mathematical, statistical, and technological society

Integrative Learning, including:

- addressing complicated problems, applying mathematical methods to arrive at solutions, and validating solutions
- synthesizing ideas, applying disciplined thinking techniques to new settings, and approaching situations with multiple perspectives

Be prepared to transfer to a baccalaureate program, achieve junior status and qualify for junior level courses in mathematics.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. MnTC Goal Areas 6, 8, 9 or 10 - 3 credits: ANTH1010(3), ANTH1020(3), ANTH1130(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL2201(4), ASL2202(4), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1310(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), ECON1050(3), ECON1060(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1700(3), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), PSYC2350(3), SOC1130(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

2. MnTC Electives - 4 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Medical Laboratory Technology AAS
2016 - 2017

The North Hennepin Community College Associate of Applied Science Medical Laboratory Technology (MLT) Program is designed to prepare students for a career in the medical laboratory. Medical Laboratory Technology is a rewarding, dynamic, and in-demand career with many opportunities for growth. By performing testing on blood and body fluids using highly specialized skills and complex instrumentation, MLTs provide information that is vital to both diagnosing and treating disease. In fact, over 70% of all health care decisions are made based on laboratory results.

Through NHCC's MLT program, students will gain both knowledge and hands-on experience, making them highly desirable employees. Coursework includes theory in phlebotomy, urinalysis, clinical chemistry, hematology, immunology, microbiology, and immunohematology. Practical experience will be gained in student laboratories at NHCC and through a 19-week clinical experience during the program's final semester. Upon completion of the program, students will be eligible to sit for the American Society of Clinical Pathology Board of Certification Exam.

All on-campus MLT courses are offered in both day and evening formats. However, in the final semester students are required to participate in clinical rotations, which are only offered during the day Monday-Friday. Admission into the MLT Program requires a separate application and entrance exam. The selection process is competitive, and the college may not be able to accept all applicants that meet the minimum standards. MLT application deadline is March 1st for the fall semester start.

The Associate of Applied Science in Medical Laboratory Technology is designed to articulate to:

- Saint Cloud State University B.S. in Medical Laboratory Science degree

General Education Courses
All General Education courses must be completed with a grade of C or better.

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
1 course from BIOL1001, BIOL1101:				
BIOL1001	Biology I **or**	4		
BIOL1101	Principles of Biology I	4		
BIOL1120	Human Biology	3		
CHEM1061	Principles of Chemistry I	4		
CHEM1062	Principles of Chemistry II	4		
COMM1110	Principles of Interpersonal Communication	3		
College Writing I:				
ENGL1200	Gateway College Writing **or**	4		
ENGL1201	College Writing I	4		
MATH1150	College Algebra	3		
PHIL1020	Ethics	3		

Program Courses - MLT Didactic Courses
All MLT Program Courses courses must be completed with a grade of C or better.

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MLT1000	Clinical Laboratory Basics	1		
MLT1100	Clinical Urinalysis/Body Fluids	2		
MLT1200	Clinical Laboratory Instrumentation	1		
MLT1250	Clinical Immunology	2		
MLT2050	Clinical Hematology	4		
MLT2080	Clinical Microbiology	4		
MLT2100	Clinical Chemistry	4		
MLT2150	Clinical Immunohematology	3		

Program Courses - MLT Clinical Courses
All MLT Clinical Courses must be completed with a grade of C or better.

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MLT2310	Applied Phlebotomy	1		
MLT2320	Applied Hematology	2		
MLT2330	Applied Coagulation	1		
MLT2340	Applied Urinalysis	1		
MLT2350	Applied Microbiology	2		
MLT2360	Applied Immunohematology	2		
MLT2380	Applied Chemistry	2		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Note: This program requires a 2.0 minimum grade for courses used by its requirements unless otherwise specified.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Develop entry-level medical laboratory technology skills in a clinical setting to prepare them for the workplace.

Intellectual and Practical Skills:

- Develop and demonstrate professionalism and concern for the customer.
- Develop competence in the theoretical knowledge and technical skills necessary for proficient performance of clinical laboratory procedures.
- Utilize effective interpersonal communication skills with customers and coworkers.
- Utilize effective written communication skills appropriate for the professional setting.
- Develop competence in the theoretical knowledge necessary to prepare for the national certification examination of the profession.

Personal and Social Responsibility and Engagement:

- Value participation in continuous professional development.
- Develop awareness of the role and responsibilities of the medical laboratory technician as a member of the health care team.

Integrative and Applied Learning:

- Apply critical thinking skills to correlating laboratory findings and common disease processes.
- Apply critical thinking skills to learning new techniques and procedures.

Upon successful completion of the program, the student will be eligible to sit for the national certification examination.

Upon successful completion of the program, students may be eligible to transfer to the B.S. in Medical Laboratory Science program at St. Cloud State University.

Career Opportunities

Hospitals, Medical Clinics, Pharmaceutical Companies, Government Agencies, Chemical, and Industrial Companies, Medical Device Companies and Private Labs

Program Accreditation

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road, Suite 720
Rosemont, IL 60018
773-714-8880

Notes

Day or evening option for MLT didactic courses. The program concludes with a clinical component that is only offered on the day shift.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use the competence gained through their degree for immediate employment or enhancing current career skills. The A.A.S. degree includes a minimum of 20 semester credits in general education selected from at least three of the ten goal areas of the Minnesota Transfer Curriculum (MnTC). The MnTC courses within the A.A.S. programs transfer to any Minnesota State College or University. Many of the A.A.S. degree programs have articulation agreements with four-year institutions for transfer of the program.

A student shall:

- Earn a minimum of 60-71 semester credits as required in the program with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College.
- Earn 20 credits in at least 3 MnTC goal areas

Completion of an A.A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Microsoft Office Administrative Professional Cert
2016 - 2017

This certificate provides a study of business concepts and advanced computer skills needed by Administrative Professionals in industry today. Students will use Microsoft Office products as well as other computer software applications that can be applied in business situations. Courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
CIS1200	Word Processing	3		
CIS1220	Decision Making Excel	3		
CIS1230	Business Presentations: PowerPoint	3		
CIS1240	Information Management: Access	3		
CIS1320	Web Tools	2		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
2.00 overall GPA for NHCC courses				
5 Credits must be earned at NHCC:				

Total Credit Required 17

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

[Microsoft Office Administrative Professional and Microsoft Office Technical Professional](#)

Program Outcomes

- Perform and coordinate office activities
- Manage information: how to store, retrieve, integrate, and disseminate information
- Organize and maintain business communication
- Use Microsoft Office applications
- Solve business problems using web tools for efficiency
- Communicate in a business environment: written, verbal, and nonverbal
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Solve mathematical problems related to business operations
- Access and evaluate information effectively

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Microsoft Office Essentials Cert
2016 - 2017

This certificate provides essential computer skills needed in industry today. Students will use Microsoft Office products as well as other computer software applications that can be applied in business situations. Courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees and also some courses will be applied towards more advanced certificates. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
CIS1102	Business Computer Systems II	3		
CIS1220	Decision Making Excel	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

- Perform specialized tasks using Microsoft Office applications
- Maintain computer information records
- Use of Microsoft Office for reports creation
- Verify information using information technology
- Gain advanced knowledge of Microsoft Office applications
- Communicate in a business environment: written, verbal, and nonverbal
- Access and evaluate information effectively
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Solve mathematical problems related to business operations

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Microsoft Office Fundamentals Cert
2016 - 2017

This certificate will provide students with the most common office skills demanded and used in the market today. Students will learn and perform intermediate techniques in Microsoft Word and Excel and basic techniques in Access and PowerPoint. Students will also learn how to integrate the Office Applications. Courses can be taken online. Courses completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management Degrees.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
CIS1200	Word Processing	3		
CIS1220	Decision Making Excel	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 3 credits:				
CIS1230	Business Presentations: PowerPoint *or*	3		
CIS1240	Information Management: Access *or*	3		
CIS1310	The Whole Internet *or*	3		
CIS1500	Developing Computer Keyboarding Skills	1		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 12

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Learn the most common Microsoft Office skills used in the market today
- Perform intermediate techniques in Microsoft Word and Excel, and integrate Microsoft Office applications
- Communicate in a business environment including written, verbal, and nonverbal
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Solve mathematical problems related to business operations
- Access and evaluate information effectively

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Microsoft Office Specialist Cert
2016 - 2017

This certificate provides advanced computer skills and business concepts needed in industry today. Students will use Microsoft Office products as well as other computer software applications that can be applied in business situations. All courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees and other certificates. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1200	Word Processing	3		
CIS1220	Decision Making Excel	3		
CIS1230	Business Presentations: PowerPoint	3		
CIS1240	Information Management: Access	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 12

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Intellectual and Practical Skills:

- Demonstrate advanced software application skills.
- Analyze and solve business problems using software applications
- Use the software applications in an ethical and secure manner.
- Prepare for the Microsoft Office Specialist Certificate (MOS) Exams.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Microsoft Office Technical Professional Cert
2016 - 2017

This certificate provides in-depth technical computer skills needed in industry today. Students will use Microsoft Office products as well as other computer software applications that can be applied in business situations. Courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees. This certificate qualifies for the Work Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
CIS1200	Word Processing	3		
CIS1220	Decision Making Excel	3		
CIS1240	Information Management: Access	3		
CIS1320	Web Tools	2		
CIS1400	Windows/Operating Systems	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
5 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 17

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

[Microsoft Office Administrative Professional and Microsoft Office Technical Professional](#)

Program Outcomes

- Provide technical assistance for an organization
- Demonstrate knowledge of computer systems
- Provide support services
- Resolve computer problems and software issues
- Train users of Microsoft Office products
- Use web tools for efficiency in solving problems
- Demonstrate knowledge of Windows Operating system
- Communicate in a business environment: written, verbal, and nonverbal
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Solve mathematical problems related to business operations
- Access and evaluate information effectively

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Music AFA
2016 - 2017

The Associate in Fine Arts in Music is designed to provide a broad background in music for students planning transfer to another college or university to complete a bachelor's degree in music performance, music education, or music business. The degree includes rigorous academic studies along with group performance experiences, individual lessons and solo performance opportunities.

The Associate of Fine Arts in Music is designed to articulate to:

- Minnesota State University Moorhead B.A. in Music degree
- Saint Cloud State University B.A. in Music (including Composition and new Media emphases) degree

Program Courses: Music History and Theory

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
MUSC1241	Music Theory I	3		
MUSC1242	Music Theory II	3		
MUSC1251	Ear Training and Sight Singing I	2		
MUSC1252	Ear Training and Sight Singing II	2		
MUSC1300	Music in World Cultures	3		
MUSC2170	History of Music I: Medieval Through Classical Eras	3		
MUSC2180	History of Music II: Romantic Era to the 21st Century	3		
MUSC2241	Music Theory III	3		
MUSC2242	Music Theory IV	3		
MUSC2251	Ear Training and Sight Singing III	2		
MUSC2252	Ear Training and Sight Singing IV	2		

Program Courses: Music Performance

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Music Lessons - 1 credit for 4 semesters. See course numbers for your instrument's 1/2 hour lessons. Students may take 1 hour lessons, but only 4 credits total will count toward degree. All semesters must be lessons in the student's major instrument.:				
MUSC1510	Applied Music: Guitar *or*	1		
MUSC1610	Applied Music: Voice *or*	1		
MUSC1810	Applied Music: Piano *or*	1		
MUSC1830	Applied Music: Strings *or*	1		
MUSC1850	Applied Music: Percussion *or*	1		
MUSC1860	Applied Music: Brass *or*	1		
MUSC1870	Applied Music: Woodwinds *or*	1		
MUSC2010	Advanced Applied Music Lessons	2		
Music Large Ensemble Participation - 1 credit for 4 semesters. Students must participate in a large ensemble music performance for 4 semesters.:				
MUSC1130	College Choir *or*	1		
MUSC1160	Large Instrumental Ensemble	1		
Depending on student placement level, choose 2 credits from the following (Piano Proficiency Requirement):				
MUSC1801	Class Piano I *or*	2		
MUSC1802	Class Piano II *or*	2		
MUSC1810	Applied Music: Piano *or*	1		
MUSC2010	Advanced Applied Music Lessons	2		
Music Small Ensemble - 2 credits. Additional options include: Wind Ensemble, String Ensemble and Theatre practicum (pit band performance or musical theatre stage acting performance).:				
MUSC1150	Chamber Singers *or*	1		
MUSC1170	Instrumental Jazz Ensemble *or*	1		
MUSC1180	Small Group Performance Ensemble	1		
Depending on student placement level, choose 2 credits from the following (Guitar Proficiency Requirement):				
MUSC1501	Class Guitar I *or*	2		

MUSC1502	Class Guitar II *or*	2		
MUSC1510	Applied Music: Guitar *or*	1		
MUSC2010	Advanced Applied Music Lessons	2		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010, COMM1110, COMM1310, COMM1710 - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1310	Intercultural Communication *or*	3		
COMM1710	Oral Interpretation and Traditions	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences (Goal Area 3) - 4 credits[1]				
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits[2]				
History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits[3]				
Goal Areas 7, 9, or 10 - 3 credits[4]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 68

Degree Requirements

2.00 overall GPA for NHCC courses

Notes

To complete the Minnesota Transfer Curriculum, in addition to the courses listed above the student will need to take these additional MnTC Goal Area credits:

- Goal Area 3: 3 credits with one Goal Area 3 course that includes a lab component.
- Goal Area 5: 3 credits
- Goal Area 9 or 10: 3 credits in each goal area required; remaining credits depend on student's choices of electives. Some courses fulfill two goal areas.

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being by:

- Demonstrating skill in the foundation music courses

Develop intellectual and practical skills, including:

- Verbally and visually communicating their knowledge of music history, theory and performance
- Competently analyzing and critiquing their own performance as well as that of others
- Competently using the concepts of theory, history and performance in creative processes

Demonstrate personal and social responsibility, including:

- Developing constructive, organized work habits and professional interpersonal and communication skills
- Developing an understanding of the creative accomplishments of other people and cultures, past and present, in the development of the field of music
- Studying the ethics of the use of ideas, information and creative works as a foundation for respect of intellectual ownership

Integrative Learning, including:

- Managing the process of creative problems in music from conceptualization to performance
- Performing competently and artistically as an individual and in groups
- Demonstrating problem solving that employs technical skills and comprehension of the historical context of music with application in theory and performance

Be prepared to transfer to and succeed at an upper-level academic institution.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Degree Information

An Associate of Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete a program in a designated discipline in fine arts. The A.F.A. degree is designed for transfer to a baccalaureate degree.

Completion of an A.F.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Coursework

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. Natural Sciences (Goal Area 3) - 4 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. Mathematics/Logical Reasoning (Goal Area 4) - 3 credits: MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), PHIL1050(3)

3. History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

4. Goal Areas 7, 9, or 10 - 3 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ASL1300(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), COMM1110(3), COMM1310(3), COMM1610(3), COMM1810(3), ECON1050(3), ENGL1450(3), ENGL2300(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(1), ENGL2460(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), NSCI1110(4), PHIL1020(3), PHIL1040(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3), TFT1210(3), TFT1310(3), TFT1350(3)

Nursing (MANE) AS
2016 - 2017

The North Hennepin Community College Associate Degree Nursing Program is designed to educate students who are prepared to begin professional nursing careers as competent, caring members of today's healthcare team. The NHCC program is a partner in the Minnesota Alliance for Nursing Education (MANE). Coursework includes nursing theory focusing on holistic assessment, therapeutic nursing interventions including communication, levels of prevention, critical thinking, collaboration and leadership/management concepts. Clinical application occurs in a variety of settings including: acute, sub-acute and long-term care facilities, community clinics, schools and home health settings. Safe, caring, competent nursing care across the lifespan and along the wellness continuum is fostered.

All students admitted will be dually enrolled in North Hennepin Community College and Metropolitan State University. Upon the completion of five semesters, graduates are awarded an Associate in Science degree in Nursing and are eligible to apply to take the NCLEX-RN ® exam and meet the Minnesota State Board of Nursing requirements for licensure. NHCC nursing graduates can seamlessly continue for an additional three semesters with an upper division full-partner school in the Minnesota Alliance for Nursing Education (MANE) to complete their Bachelor of Science in Nursing.

Admission into the nursing program requires a separate special application and entrance exam. The selection process is highly competitive. The college may not be able to accept all applicants that meet the minimum standards. The application deadlines are February 1st for fall semester and June 1st for spring semester.

The Associate of Science in Nursing is designed to align with the Metropolitan State University B.S.N. in Nursing degree.

Nursing Application Prerequisite Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
All four courses must be completed with a grade of C or better and a combined GPA of 2.75 or higher BEFORE submitting an application. The most recent grade in each course will be used in the GPA calculation. (Phil 1020 and Phil 1220 cannot be used for the Goal 6 requirement in this section.)				
BIOL1001	Biology I	4		
College Writing I:				
ENGL1200	Gateway College Writing **or**	4		
ENGL1201	College Writing I	4		
Psychology:				
PSYC1150	General Psychology **or**	3		
PSYC1160	Introduction to Psychology	4		
The Humanities and Fine Arts (Goal Area 6) - 3 credits highly recommended[1]				
2.75 GPA Minimum for Nursing Application Prerequisite Courses				

Program Prerequisite Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
All four courses must be completed with a grade of C or better BEFORE beginning Nursing Program Courses. The most recent grade in each course will be used in the GPA calculation.				
BIOL2100	Microbiology	4		
BIOL2111	Human Anatomy and Physiology I	4		
COMM1110	Principles of Interpersonal Communication	3		
PSYC1250	Life Span Developmental Psychology	4		
2.75 Minimum GPA for Application Prerequisites and Program Prerequisites				

Other General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
These courses can be taken prior to or with the Nursing courses and must be completed with a C or better.				
BIOL2112	Human Anatomy and Physiology II	4		
SOC1110	Introduction to Sociology	3		
Ethics:				
PHIL1020	Ethics **or**	3		
PHIL1220	Health Care Ethics	3		

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
NURS2700	Foundations of Nursing - Health Promotion	9		
NURS2750	Nutrition and the Role of the Professional Nurse	2		
NURS2800	Chronic and Palliative Care	7		
NURS2820	Pharmacology and the Role of the Professional Nurse	3		
NURS2850	Applied Pathophysiology for Nursing I	2		
NURS2900	Acute and Complex Care	7		
NURS2920	Applied Pathophysiology for Nursing II	2		
NURS2950	Nursing Leadership I	3		

Total Credits

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
75 Total Credits Required:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 75

Degree Requirements

      2.75 GPA Minimum for Nursing Application Prerequisite Courses
      2.75 Minimum GPA for Application Prerequisites and Program Prerequisites
      2.00 overall GPA for NHCC courses

Note: This program requires a 2.0 minimum grade for courses used by its requirements unless otherwise specified.

Admission Information

The nursing program has limited enrollment and nursing classes start in the fall semester and the spring semester of each year. The nursing course sequence for the Standard and Mobility Option begin each fall and spring semester with separate deadlines for each cohort. Students are encouraged to plan ahead because there is a separate application process required for admission to the Nursing Program. The application process is competitive. Therefore, meeting the minimum requirements does NOT assure that a student will be competitive with other applicants.

Students accepted to the nursing program will be required to participate in nursing clinical experiences, receive certification in CPR for the healthcare provider, maintain current immunizations records and criminal background checks. Upon acceptance to the nursing program a student would receive more information on these requirements. Please do NOT complete these requirements prior to attending the nursing program orientation, which takes place after acceptance into the nursing program. Note: Minnesota law requires that any person who provides services that involve direct contact with patients and residents at a health facility licensed by the Minnesota Department of Health must have a background study conducted by the state. Any individual who is disqualified from having direct patient contact as a result of the background study, and whose disqualification is not set aside by the Commission of Health, will not be permitted to participate in a clinical placement in a Minnesota licensed health care facility. Failure to participate in a clinical placement required by the academic program could result in ineligibility to qualify for a degree in this program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 75 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Each nursing course must be completed with a C or better for progression to the next nursing course
- Earn a minimum of 15 semester credits at NHCC.
- Have four years to complete the graduation requirements in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Service Learning

In addition to the General Education courses and the Nursing Curriculum courses, nursing students are required to participate in 30 hours of service learning by the end of the nursing program. Some or all hours may be completed during semester breaks however no service learning hours can be earned until after the first day of class in a NURS course.

Sequences and Prerequisites

Courses are planned to build upon previous course work. Therefore, the following sequence of courses is required; however, it is recommended that a student pursue the general education and supporting science courses first. Note: High school chemistry and algebra are recommended prior to Biology 1001.

- Biology 1001 is taken in the first semester of the Nursing program
- Psychology 1160 is taken in the first semester of the Nursing program
- English 1201 is taken in the first semester of the Nursing program
- Communications 1110 is taken concurrently or prior Nursing 2700
- Biology 2111 is taken prior to Nursing 2700
- Biology 2112 is taken prior to Nursing 2800
- Biology 2100 is taken prior to Nursing 2700
- Psychology 1250 is taken with the second semester of the Nursing program

Nursing courses are taken in sequence

- Nursing 2750 is taken concurrently with Nursing 2700
- Nursing 2820 is taken concurrently with Nursing 2800
- Nursing 2850 is taken concurrently with Nursing 2800
- Nursing 2920 is taken concurrently with Nursing 2900

Highly Recommended Courses

- Applicants should have completed at least high school chemistry OR a college level introduction to chemistry course with a 'C' or better.
- Placing at college level on the Accuplacer or completing course work to get to college level in Math, English and Reading (as well as Listening and Vocabulary for students with an ESOL background).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Assisting clients in meeting needs by implementing nursing behaviors and actions based on knowledge and understanding of the natural and behavioral sciences, nursing theory and research and past nursing experiences.
- Conducting Nursing interventions that are compassionate, nurturing, protective and client-centered creating an environment of hope and trust.

Intellectual and Practical Skills:

- Utilizing critical thinking and evidenced-based information as the foundation for clinical decision making.
- Using effective personal, professional and therapeutic communication processes.
- Promoting, restoring and maintaining health and reducing risk through use of the teaching-learning process in collaboration with the client, significant support person(s) and the healthcare team.
- Collaborating with the client, significant support person(s), peers, and other members of the health care team and community agencies to meet client needs and assist the client toward desired outcomes.

Personal and Social Responsibility and Engagement:

- Adhering to standards of professional practice.
- Is accountable for her /his own actions and behaviors.
- Practicing nursing within legal, ethical and regulatory frameworks.
- Exhibiting professional behaviors including valuing the profession of nursing and participating in ongoing professional development.

Integrative and Applied Learning:

- Relying upon the collection, analysis and synthesis of relevant data for the appraisal of a client's health status and to meet a client's changing needs.
- Managing care through the efficient, effective use of human, physical, financial and technological resources to meet client needs and support organizational outcomes.
- Qualified for recommendation to write the National Council Licensure Examination for Registered Nurses ®. In order to qualify for licensure, graduates must satisfy the requirements stated by the Minnesota Board of Nursing.

Student Learning Outcomes (SLOs)

- Demonstrate reflection, self-analysis, self-care, and lifelong learning into nursing practice
- Apply leadership skills to enhance quality nursing care and improve health outcomes
- Utilize best available evidence and informatics to guide decision making
- Collaborate with inter-professional teams to provide holistic nursing care
- Adapt communication strategies to effectively respond to a variety of health care situations
- Incorporate ethical practice and research within the nursing discipline and organizational enviromnents
- Practice holistic, evidence-based nursing care including diverse and underserved individuals, families, and communities

Accreditation

North Hennepin Community College is accredited by the: Higher Learning Commission, 30 N. LaSalle Street, Suite 2400 Chicago, IL 60602-2504, (800)621-7440

The nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404)975-5000, and approved by the Minnesota Board of Nursing.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. The Humanities and Fine Arts (Goal Area 6) - 3 credits highly recommended: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Nursing (MANE) Advanced Standing AS
2016 - 2017

The North Hennepin Community College Associate Degree Nursing Program is designed to educate students who are prepared to begin professional nursing careers as competent, caring members of today's healthcare team. The NHCC program is a partner in the Minnesota Alliance for Nursing Education (MANE). Coursework includes nursing theory focusing on holistic assessment, therapeutic nursing interventions including communication, levels of prevention, critical thinking, collaboration and leadership/management concepts. Clinical application occurs in a variety of settings including: acute, sub-acute and long-term care facilities, community clinics, schools and home health settings. Safe, caring, competent nursing care across the lifespan and along the wellness continuum is fostered.

All students admitted will be dually enrolled in North Hennepin Community College and Metropolitan State University. Upon the completion of five semesters, graduates are awarded an Associate in Science degree in Nursing and are eligible to apply to take the NCLEX-RN ® exam and meet the Minnesota State Board of Nursing requirements for licensure. NHCC nursing graduates can seamlessly continue for an additional three semesters with an upper division full-partner school in the Minnesota Alliance for Nursing Education (MANE) to complete their Bachelor of Science in Nursing. The Advanced Standing Track is offered to qualified licensed practical nurses (LPNs). Students who enter in the spring of 2015 or later are granted 5 credits of advanced standing and will participate in a transition course to assist in the change of role to professional nurse.

Admission into the nursing program requires a separate special application and entrance exam. The selection process is highly competitive. The college may not be able to accept all applicants that meet the minimum standards. The application deadlines are February 1st for fall semester and June 1st for spring semester.

The Associate of Science in Nursing is designed to align with the Metropolitan State University B.S.N. in Nursing degree.

Program Courses: LPN

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Practical Nursing Courses - 5 credits:				

Nursing Application Prerequisite Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
All four courses must be completed with a grade of C or better and a combined GPA of 2.75 or higher BEFORE submitting an application. The most recent grade in each course will be used in the GPA calculation. (Phil 1020 and Phil 1220 cannot be used for the Goal 6 requirement in this section.)				
BIOL1001	Biology I	4		
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
Psychology:				
PSYC1150	General Psychology *or*	3		
PSYC1160	Introduction to Psychology	4		
The Humanities and Fine Arts (Goal Area 6) - 3 credits highly recommended[1]				
2.75 Minimum for all Pre-Admission Courses				

Program Prerequisite Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
All four courses must be completed with a grade of C or better BEFORE beginning Nursing Program courses. The most recent grade in each course will be used in the GPA calculation.				
BIOL2100	Microbiology	4		
BIOL2111	Human Anatomy and Physiology I	4		
COMM1110	Principles of Interpersonal Communication	3		
PSYC1250	Life Span Developmental Psychology	4		
2.75 Minimum GPA for Application Prerequisites and Program Prerequisites				

Other General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
These courses can be taken prior to or with the Nursing courses and must be completed with a C or better.				
BIOL2112	Human Anatomy and Physiology II	4		
SOC1110	Introduction to Sociology	3		
Ethics:				
PHIL1020	Ethics *or*	3		
PHIL1220	Health Care Ethics	3		

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
NURS2720	Transition to the Role of the Professional Nurse	4		
NURS2750	Nutrition and the Role of the Professional Nurse	2		
NURS2800	Chronic and Palliative Care	7		
NURS2820	Pharmacology and the Role of the Professional Nurse	3		
NURS2850	Applied Pathophysiology for Nursing I	2		
NURS2900	Acute and Complex Care	7		
NURS2920	Applied Pathophysiology for Nursing II	2		
NURS2950	Nursing Leadership I	3		

Total Credits

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
75 Total Credits Required:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 75

Degree Requirements

2.75 Minimum for all Pre-Admission Courses
2.75 Minimum GPA for Application Prerequisites and Program Prerequisites
2.00 overall GPA for NHCC courses

Note: This program requires a 2.0 minimum grade for courses used by its requirements unless otherwise specified.

Admission Information

The nursing program has limited enrollment and nursing classes start in the fall semester and the spring semester of each year. The nursing course sequence for the Standard and Mobility Option begin each fall and spring semester with separate deadlines for each cohort. Students are encouraged to plan ahead because there is a separate application process required for admission to the Nursing Program. The application process is competitive. Therefore, meeting the minimum requirements does NOT assure that a student will be competitive with other applicants.

Students accepted to the nursing program will be required to participate in nursing clinical experiences, receive certification in CPR for the healthcare provider, maintain current immunizations records and criminal background checks. Upon acceptance to the nursing program a student would receive more information on these requirements. Please do NOT complete these requirements prior to attending the nursing program orientation, which takes place after acceptance into the nursing program. Note: Minnesota law requires that any person who provides services that involve direct contact with patients and residents at a health facility licensed by the Minnesota Department of Health must have a background study conducted by the state. Any individual who is disqualified from having direct patient contact as a result of the background study, and whose disqualification is not set aside by the Commission of Health, will not be permitted to participate in a clinical placement in a Minnesota licensed health care facility. Failure to participate in a clinical placement required by the academic program could result in ineligibility to qualify for a degree in this program.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 75 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Each nursing course must be completed with a C or better for progression to the next nursing course
- Earn a minimum of 15 semester credits at NHCC.
- Have four years to complete the graduation requirements in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Service Learning

In addition to the General Education courses and the Nursing Curriculum courses, nursing students are required to participate in 30 hours of service learning by the end of the nursing program. Some or all hours may be completed during semester breaks however no service learning hours can be earned until after the first day of class in a NURS course.

Sequences and Prerequisites

Courses are planned to build upon previous course work. Therefore, the following sequence of courses is required; however, it is recommended that a student pursue the general education and supporting science courses first. Note: High school chemistry and algebra are recommended prior to Biology 1001.

- Biology 1001 is taken in the first semester of the Nursing program
- Psychology 1160 is taken in the first semester of the Nursing program
- English 1201 is taken in the first semester of the Nursing program
- Communications 1110 is taken concurrently or prior Nursing 2700
- Biology 2111 is taken prior to Nursing 2700
- Biology 2112 is taken prior to Nursing 2800
- Biology 2100 is taken prior to Nursing 2700
- Psychology 1250 is taken with the second semester of the Nursing program

Nursing courses are taken in sequence

- Nursing 2750 is taken concurrently with Nursing 2700
- Nursing 2820 is taken concurrently with Nursing 2800
- Nursing 2850 is taken concurrently with Nursing 2800
- Nursing 2920 is taken concurrently with Nursing 2900

Highly Recommended Courses

- Applicants should have completed at least high school chemistry OR a college level introduction to chemistry course with a 'C' or better.
- Placing at college level on the Accuplacer or completing course work to get to college level in Math, English and Reading (as well as Listening and Vocabulary for students with an ESOL background).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Assisting clients in meeting needs by implementing nursing behaviors and actions based on knowledge and understanding of the natural and behavioral sciences, nursing theory and research and past nursing experiences.
- Conducting Nursing interventions that are compassionate, nurturing, protective and client-centered creating an environment of hope and trust.

Intellectual and Practical Skills:

- Utilizing critical thinking and evidenced-based information as the foundation for clinical decision making.
- Using effective personal, professional and therapeutic communication processes.
- Promoting, restoring and maintaining health and reducing risk through use of the teaching-learning process in collaboration with the client, significant support person(s) and the healthcare team.
- Collaborating with the client, significant support person(s), peers, and other members of the health care team and community agencies to meet client needs and assist the client toward desired outcomes.

Personal and Social Responsibility and Engagement:

- Adhering to standards of professional practice.
- Is accountable for her /his own actions and behaviors.
- Practicing nursing within legal, ethical and regulatory frameworks.
- Exhibiting professional behaviors including valuing the profession of nursing and participating in ongoing professional development.

Integrative and Applied Learning:

- Relying upon the collection, analysis and synthesis of relevant data for the appraisal of a client's health status and to meet a client's changing needs.
- Managing care through the efficient, effective use of human, physical, financial and technological resources to meet client needs and support organizational outcomes.
- Qualified for recommendation to write the National Council Licensure Examination for Registered Nurses ®. In order to qualify for licensure, graduates must satisfy the requirements stated by the Minnesota Board of Nursing.

Student Learning Outcomes (SLOs)

- Demonstrate reflection, self-analysis, self-care, and lifelong learning into nursing practice
- Apply leadership skills to enhance quality nursing care and improve health outcomes
- Utilize best available evidence and informatics to guide decision making
- Collaborate with inter-professional teams to provide holistic nursing care
- Adapt communication strategies to effectively respond to a variety of health care situations
- Incorporate ethical practice and research within the nursing discipline and organizational enviromnents
- Practice holistic, evidence-based nursing care including diverse and underserved individuals, families, and communities

Accreditation

North Hennepin Community College is accredited by the: Higher Learning Commission, 30 N. LaSalle Street, Suite 2400 Chicago, IL 60602-2504, (800)621-7440

The nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404)975-5000, and approved by the Minnesota Board of Nursing.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. The Humanities and Fine Arts (Goal Area 6) - 3 credits highly recommended: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Object-Oriented Programming Cert
2016 - 2017

The Object-Oriented Programming Certificate provides students with the opportunity to learn the fundamentals and more advanced topics of object-oriented design and programming. The certificate is designed in the way allowing the students to select one or two programming languages, among the most popular ones. The major language elements are introduced in connection with the related algorithms. The students will also learn about the major abstract data types and the efficient ways to manipulate data.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CSCI2001	Structure of Computer Programming I	4		
CSCI2002	Structure of Computer Programming II	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 1 course:				
CSCI1130	Introduction to Programming in Java *or*	4		
CSCI1150	Programming in C# for .NET	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
4 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 12

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, including:

- Designing appealing and functional user interfaces.

Intellectual and Practical Skills, including:

- Debugging and testing computer programs.
- Designing professional-grade object-oriented applications in Java.
- Programming in another major computer language (optional).
- Utilizing the standard data structures to handle and store the data associated with the applications.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Paralegal AS
2016 - 2017

This program prepares students to assist lawyers and administrators of law-related occupations in providing efficient legal services to the public. The program of study includes general education courses, law-related courses, and legal specialty courses.

The paralegal courses are offered primarily in the evening program of the College. Courses prepare students for entry into a paralegal career and provide presently employed paralegals an opportunity to enhance their legal knowledge and skills. The Paralegal Program does not train graduates to provide legal services directly to the public. Any person who attempts to provide legal services directly to the public, but is not licensed to practice law, engages in the illegal and unauthorized practice of law.

The Paralegal Program is approved by the American Bar Association.

Students must take at least ten semester credits or the equivalend of legal specialty courses through traditional classroom instruction as required by the American Bar Association

Students wishing to enroll in the Paralegal Program, must complete an Admission Request. Students must make an appointment to meet with an advisor to present the Admission Request for processing. For more information or to schedule an appointment, please contact Counseling and Advising at 763-424-0703.

The Associate of Science in Paralegal is designed to articulate to:

- Concordia University B.A. in Organizational Management and Leadership degree
- Concordia University B.A. in Business degree
- Concordia University B.A. in Public Policy degree
- Concordia University B.A. in Criminal Justice degree
- Hamline University B.A. in Legal Studies degree
- Metropolitan State University B.A. Individualized Studies degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PLEG1111	Introduction to Law and Paralegal Studies	3		
PLEG1210	Computer Applications in the Legal Profession	2		
PLEG1411	Litigation I	3		
PLEG1412	Litigation II	3		
PLEG2211	Legal Research and Writing I	3		
PLEG2212	Legal Research and Writing II	3		
PLEG2930	Legal Studies Seminar and Internship	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 10 credits:				
PLEG1330	Family Law *or*	3		
PLEG1430	Alternative Dispute Resolution *or*	1		
PLEG1510	Intellectual Property *or*	2		
PLEG1990	Topic: *or*	3		
PLEG2310	Criminal Law and Procedure *or*	3		
PLEG2510	Contracts and Business Organizations *or*	3		
PLEG2620	Property *or*	3		
PLEG2710	Wills, Trusts and Estate Administration *or*	3		
PLEG2810	Employment Search for Paralegals	1		
**PLEG 1990 is a Topics course and will range from 1-4 credits.				

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1010	Fundamentals of Public Speaking	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL2320	Writing: From Structure to Style	3		
PHIL1110 or PHIL1050 - 1 course:				
PHIL1050	Introduction to Logic *or*	3		

PHIL1110	Informal Reasoning for Problem Solving	3		
POLS1100	American Government and Politics	3		
PSYC1150	General Psychology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
The Humanities and Fine Arts (Goal Area 6) - 3 credits[2]				
MnTC Electives - 5 credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

Paralegal

Criminal Offense Notice

If you have been arrested, charged, or convicted of any criminal offense, you should investigate the impact that the arrest, charge or conviction may have on your chances of employment in the field you intend to study or your chances to obtain federal, state, and other higher education financial aid.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate an understanding of the sources of law, legal procedure, and operation of legal systems within state and federal government and apply that knowledge to the work of paralegals.

Intellectual and Practical Skills:

- Demonstrate written, verbal, and interpersonal skills appropriate to various legal and business settings.
- Think critically and creatively analyze, synthesize, and organize information.
- Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.

Personal and Social Responsibility:

- Understand and apply the Rules of Professional Conduct as they relate to the practice of law and demonstrate ethical behaviors in all settings.

Integrative Learning:

- Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.
- Successfully complete projects performed by paralegals in the various substantive areas of law.

This program prepares students to perform paralegal work in private law firms, government agencies or large corporations or transfer to a four-year institution in this discipline.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. The Humanities and Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

3. MnTC Electives - 5 credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Paralegal Cert
2016 - 2017

This program prepares students to assist lawyers and administrators of law-related occupations in providing efficient legal services to the public. The program of study includes law-related courses and legal specialty courses.

Students who already possess a(n) Associate in Science, Associate in Art, Bachelor's, or higher degree may apply for a paralegal certificate upon successful completion of the paralegal courses only.

The paralegal courses are offered primarily in the evening. Courses prepare students for entry into a paralegal career and provide presently employed paralegals an opportunity to enhance their legal knowledge and skills. The Paralegal program does not train graduates to provide legal services directly to the public. Any person who attempts to provide legal services directly to the public, but is not licensed to practice law, engages in the illegal and unauthorized practice of law. The Paralegal program is approved by the American Bar Association.

Students must take at least ten semester credits or the equivalend of legal specialty courses through traditional classroom instruction as required by the American Bar Association

Students wishing to enroll in the Paralegal Program, must complete an Admission Request. Students must make an appointment to meet with and advisor to present the Admission Request for processing. For more information or to schedule an appointment, please contact Counseling and Advising Office.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PLEG1111	Introduction to Law and Paralegal Studies	3		
PLEG1210	Computer Applications in the Legal Profession	2		
PLEG1411	Litigation I	3		
PLEG1412	Litigation II	3		
PLEG2211	Legal Research and Writing I	3		
PLEG2212	Legal Research and Writing II	3		
PLEG2930	Legal Studies Seminar and Internship	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 10 credits:				
PLEG1330	Family Law *or*	3		
PLEG1430	Alternative Dispute Resolution *or*	1		
PLEG1510	Intellectual Property *or*	2		
PLEG1990	Topic: *or*	3		
PLEG2310	Criminal Law and Procedure *or*	3		
PLEG2510	Contracts and Business Organizations *or*	3		
PLEG2620	Property *or*	3		
PLEG2710	Wills, Trusts and Estate Administration *or*	3		
PLEG2810	Employment Search for Paralegals	1		
**PLEG 1990 is a Topics course and will range from 1-4 credits.				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
10 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 30

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

[Paralegal](#)

Criminal Offense Notice

If you have been arrested, charged, or convicted of any criminal offense, you should investigate the impact that the arrest, charge or conviction may have on your chances of employment in the field you intend to study or your chances to obtain federal, state, and other higher education financial aid.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate an understanding of the sources of law, legal procedure, and operation of legal systems within state and federal government and apply that knowledge to the work of paralegals.

Intellectual and Practical Skills:

- Demonstrate written, verbal, and interpersonal skills appropriate to various legal and business settings.
- Think critically and creatively analyze, synthesize, and organize information.
- Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.

Personal and Social Responsibility:

- Understand and apply the Rules of Professional Conduct as they relate to the practice of law and demonstrate ethical behaviors in all settings.

Integrative Learning:

- Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.
- Successfully complete projects performed by paralegals in the various substantive areas of law.

This program prepares students to perform paralegal work in private law firms, government agencies or large corporations or transfer to a four-year institution in this discipline.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Personal Training Cert
2016 - 2017

This certificate program prepares students to develop individualized exercise programs and provide knowledgeable information on weight loss, weight gain, muscle strengthening, and flexibility. According to the American College of Sports Medicine, Personal Training is the third fastest growing occupation in the nation. The certificate program is designed to assist students in developing skills to be successful in the areas of the fitness industry, business, sports, and coaching. Areas of study include: health and fitness, kinesiology, and concepts of personal training. Included in the program is an internship on campus which would allow practical application of concepts learned in the areas of exercise prescription and implementation of individualized programs for fellow students or employees.

The Personal Trainer Certificate is designed to articulate to:

- Concordia University B.A. in Kinesiology degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1001	Biology I	4		
COMM1110	Principles of Interpersonal Communication	3		
EXSC1050	Weight Training	1		
EXSC2010	Essentials of Exercise Science	3		
EXSC2100	Concepts of Training	3		
EXSC2110	Advanced Fitness Assessment & Exercise Prescription	3		
EXSC2200	Applications of Training	2		
EXSC2270	Essentials of Sport & Exercise Nutrition	3		
EXSC2490	Kinesiology	4		
HLTH1070	Nutrition	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
9 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 29

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Gainful Employment Program Information

Personal Trainer

Notes

Upon completion of PE 2101, the student will have the opportunity to complete the NASM certification exam for Personal Training.

Students who complete the Personal Trainer Certificate Program may choose to continue their education by completing their A.S. Degree at NHCC. In addition, after completing their A.S. Degree, they may further their education by transferring to St. Cloud State University or Augsburg College, to which the current degree allows a seamless transfer.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World

- Apply principles, skills, and methods related to biomechanics, exercise physiology, health promotion, exercise prescription and sport psychology..

Intellectual and Practical Skills

- Inquiry and analysis: Apply the clinical and epidemiological evidence linking physical activity and exercise to mental and physical health..
- Critical and creative thinking: Apply the scientific method to solve problems related to physical activity and health..
- Written and oral communication: Utilize oral and written communication that meets appropriate professional and scientific standards in the field of Kinesiology/Exercise Science..
- Quantitative literacy: Evaluate the effectiveness of human movement using mechanical principles.
- Information literacy: Associate the organic, skeletal, and neuromuscular structures of the human body to psychological factors associated with diverse physical activities..

Teamwork and problem solving: Work effectively in teams by valuing collaboration, providing service to others, and developing relational techniques for lifelong learning and problem solving.

Personal and Social Responsibility and Engagement

- Civic knowledge and involvement – campus, local and global: Apply Fitness/Kinesiology related skills to real-world problems through empirical research, internships, field experience, and/or service learning.
- Intercultural knowledge and competence: Demonstrate leadership and social responsibility to improve quality of life for others and ensure equitable access for diverse groups by creating appropriate environments to initiate and maintain a physically active, healthy lifestyle.
- Ethical reasoning and action: Model behavior consistent with that of a Kinesiology professional, including 1) advocacy for a healthy, active lifestyle, 2) adherence to professional ethics, 3) service to others, 4) shared responsibility and successful collaboration with peers, and 5) pursuit of learning beyond NHCC.
- Foundations and skills for lifelong learning: Safely Develop an individualized exercise prescription based on scientific principles and appropriate evaluation techniques designed to reduce the risk of chronic disease and avoid injuries.

Integrative and Applied Learning:

- Synthesis and advanced accomplishment across general education, liberal studies, specialized studies and activities in the broader campus community.
- Assimilate, analyze, synthesize and integrate concepts related to the exercise science field.
- Students will also be able to sit for professional certifications related to personal training, including but not limited to those offered by the National Academy of Sports Medicine, the American Council on Exercise, and select others.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Physical Education AS
2016 - 2017

This program will provide students with transferable first and second year courses typically required for such a degree, and allow successful students to enter baccalaureate institutions as juniors.

The need for this program is generated by the continued and growing demand, for health and wellness education, stimulated by the increasing costs of health care. The demand for Physical Education instructors will continue to increase as population of youth increase that have Health issues that are brought about by lack of exercise and physical activity.

The Associate of Science in Physical Education is designed to articulate to:

- Concordia University B.A. in Kinesiology degree
- Augsburg University B.A. in Physical Education degree
- Augsburg University B.A. in Physical Education (Teacher) degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1120	Human Biology	3		
EXSC1050	Weight Training	1		
EXSC1250	Wellness for Life	3		
EXSC1500	Foundations of Exercise Science	3		
EXSC1520	Movement Exploration	3		
EXSC2490	Kinesiology	4		
HLTH1060	Drugs and Health	3		
PSYC1210	Child Development	3		
PSYC1220	Adult Development	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Exercise Science Electives - 3 credits[1]				

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CHEM1000	Chemistry and Society	4		
COMM1010	Fundamentals of Public Speaking	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
MATH1130	Elementary Statistics	3		
MUSC1300	Music in World Cultures	3		
SOC1110	Introduction to Sociology	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits[2]				
The Humanities and Fine Arts (Goal Area 6) - 6 credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, and natural worlds, and individual well-being.

Develop intellectual and practical skills, including:

- explaining how lifetime activities contribute to wellness
- describing patterns of good nutrition and how they contribute to wellness
- describing the stress mechanism and stress reduction techniques
- identifying and analyzing muscles used in single and multiple joint movements
- demonstrating the importance of oral and written communication in successful individual and team play

Demonstrate personal and social responsibility, including:

- describing the influence of cultural diversity in physical education and its influence in areas of dance, sports and participation
- practicing habits to ensure personal safety
- applying the components of sportsmanship and fair play to both the discipline and to life skills
- developing an awareness of effective practices to create a safe environment for physical education

Integrative Learning, including:

- designing a personal e-folio, which includes one's philosophy of physical education
- through service learning, creating a learning environment which respects and incorporates learners' experiences (personal, cultural, and community)

Be prepared to transfer to, and succeed, at an upper-level academic institution.

Career Opportunities

Career settings could include: fitness centers (training facilities, corporate businesses, schools and colleges), community center workout facilities, and health clubs. Possible positions could include personal trainer, athletic trainer, fitness specialist, sport coaches, strength and conditioning interns, and group exercise specialists.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: <u>Transfer Information</u>

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: <u>www.iseek.org</u> and <u>www.bls.gov.</u>

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Exercise Science Electives - 3 credits: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4)

2. History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

3. The Humanities and Fine Arts (Goal Area 6) - 6 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Pre-Engineering AS
2016 - 2017

The Associate of Science degree program in (Pre) Engineering is designed to prepare students for continued study in a baccalaureate degree program in engineering.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ENGR1000	Introduction to Engineering and Design	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BIOL1000, BIOL1001, BIOL1200 - 1 course:				
BIOL1000	Life Science *or*	4		
BIOL1001	Biology I *or*	4		
BIOL1200	Current Environmental Issues	4		
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4		
CHEM1062	Principles of Chemistry II	4		
CSCI1120, CSCI1130, CSCI1190 - 1 course:				
CSCI1120	Programming in C/C++ *or*	4		
CSCI1130	Introduction to Programming in Java *or*	4		
CSCI1190	Introduction to C++ Programming	4		
ECON1060	Principles of Economics Macro	3		
College Writing I:				
ENGL1200	Gateway College Writing *or*	4		
ENGL1201	College Writing I	4		
MATH1221	Calculus I (minimum grade 1.67)	5		
MATH1222	Calculus II (minimum grade 1.67)	5		
MATH2220	Calculus III	5		
MATH2300	Linear Algebra	3		
MATH2400	Differential Equations	3		
PHIL1020	Ethics	3		
PHYS1601	General Physics I	5		
PHYS1602	General Physics II	5		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Understand the major principles of calculus-based mathematics and their relationship to engineering problems and solutions.
- Understand the major principles of general physics and chemistry and their relationship to engineering problems and solutions.

Intellectual and Practical Skills:

- Appropriately communicate technical material orally and in writing.

Personal and Social Responsibility:

- Appropriately and safely use laboratory equipment in physics and chemistry coursework Integrative Learning

Integrative Learning:

- Apply the major principles of calculus-based mathematics to engineering problems and solutions.
- Apply the major principles of general physics and chemistry to their engineering courses.

Notes

Engr 1200 - Engineering Graphics is an additional recommended course.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specific career and/or prepare for transfer to complete a bachelor's degree at a college or university with whom North Hennepin Community College has an articulation agreement. The A.S. degree provides a balance of general education courses and the required scientific, professional or technical courses in the degree program.

A student shall:

- Earn a minimum of 60 semester credits as required in the program, with a grade point average of 2.00 (C) or above in courses taken at North Hennepin Community College. Specific programs may have additional requirements or a higher minimum grade point average.
- Earn a minimum of 15 semester credits at North Hennepin Community College. A student must complete at least 50% of career specific courses at North Hennepin Community College.
- Earn 30 credits in at least 6 Minnesota Transfer Curriculum (MnTC) goal areas.
- Earn 30 professional/technical credits.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking more than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of an A.S. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Project Management Essentials Cert
2016 - 2017

This certificate is for students who want to combine business and management with technology. Students will learn management principles, project management software tools, concepts and process and communication skills that can be applied in business situations. Courses can be applied to the Business Computer Systems and Management A.A. S. or A.S. degrees. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
BUS1200	Principles of Management	3		
CIS1260	Business Communications and Technology	3		
CIS1700	Project Management Software Tools	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Intellectual and Practical Skills, including:

- Demonstrate business communication effectiveness in a global and technological business environment.
- Demonstrate project management software applications.
- Participate as a team member and as a leader in projects utilizing project management software.
- Complete a project plan utilizing project management software applications and stages while thinking crtically, independently and creatively.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Emphasis in Psychology AA
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PSYC1160	Introduction to Psychology	4		
PSYC1250	Life Span Developmental Psychology	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Choose four courses, including one course in Goal 5 and 7:				
PSYC1165	Psychology of Adjustment *or*	3		
PSYC1170	Psychology of Gender *or*	3		
PSYC1210	Child Development *or*	3		
PSYC1220	Adult Development *or*	3		
PSYC2110	Principles of Social Psychology *or*	3		
PSYC2320	Abnormal Psychology *or*	3		
PSYC2330	Personality *or*	3		
PSYC2340	Human Sexuality *or*	3		
PSYC2350	Multicultural Psychology	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3		
Communications - 1 course:				
COMM1010	Fundamentals of Public Speaking *or*	3		
COMM1110	Principles of Interpersonal Communication *or*	3		
COMM1710	Oral Interpretation and Traditions	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		
Mathematics- 1 course:				
MATH1130	Elementary Statistics *or*	3		
MATH1150	College Algebra	3		
PHIL1020	Ethics	3		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Science- 1 lab course, 4 credits[1]				
History and the Social and Behavioral Sciences- 6 credits, at least one course from Goals 5 and 8[2]				
The Humanities and Fine Arts- 6 credits[3]				
Additional MnTC Electives- 4 Credits[4]				

Health Requirement

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Heath or Excercise Science- 2 credits[5]				

Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Additional Electives, if necessary, for a total of 60 credits:				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 Overall GPA for NHCC courses				

Total Credit Required   60

Degree Requirements

2.00 Overall GPA for NHCC courses

Degree Information

The Associate of Arts (A.A.) is awarded for successful completion of 60 credits and is designed to constitute the first two years of a liberal arts bachelor degree program. An A.A. degree includes the entire 40 credit Minnesota Transfer Curriculum (MnTC) as the general education requirement. Students may also choose to concentrate in a particular field of study in preparation for a planned major or professional emphasis at a four-year college by following the pre-major requirement of the desired transfer institution in addition to the MnTC and A.A. requirements.

A student shall:

- Earn a minimum of 60 semester credits.
- Earn a grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- Earn a minimum of 20 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
- Complete the general education distribution requirement listed in the Minnesota Transfer Curriculum. The student shall select general education (MnTC) courses numbered 1000 or above to complete a minimum of 40 credits.
- Have four years in which to complete their work under the terms of the catalog in effect at the time of their first enrollment.
- Students taking more than four years to complete their graduation requirements may follow any catalog in effect during the four-year period preceding their date of graduation.

Required A.A. Degree Course Distribution:

- Complete 40 credits in the Minnesota Transfer Curriculum satisfying the requirements for each of the 10 goal areas.
- Complete at least 2 credits for the Wellness requirement from either Health (all courses) or Physical Education (all courses).

If the student intends to transfer, he/she is encouraged to work with an advisor to fulfill requirements for transfer to the other institution.

Completion of an A.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

1. Natural Science- 1 lab course, 4 credits: BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1101(4), BIOL1102(4), BIOL1130(4), BIOL1140(4), BIOL1200(4), BIOL1360(4), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1851(1), NSCI1000(4), NSCI1050(4), NSCI1061(1), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1061(1), PHYS1071(1), PHYS1120(4), PHYS1130(4), PHYS1201(5), PHYS1202(5), PHYS1410(1), PHYS1460(1), PHYS1601(5), PHYS1602(5)

2. History and the Social and Behavioral Sciences- 6 credits, at least one course from Goals 5 and 8: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)

3. The Humanities and Fine Arts- 6 credits: ARBC1030(3), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1220(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

4. Additional MnTC Electives- 4 Credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

5. Heath or Excercise Science- 2 credits: EXSC1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4), HLTH1030(3), HLTH1040(3), HLTH1050(3), HLTH1060(3), HLTH1070(3), HLTH1080(3), HLTH1100(3), HLTH1250(3), HLTH1600(3), HLTH1900(3), HLTH1990(1)

Public Works Cert
2016 - 2017

The following courses are offered as a continuing education and as an in-service training series for public works personnel. The American Public Works Association, Minnesota Chapter (APWA), will issue a certificate to students completing the following courses.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
PUBW1010	Office and Professional Skills for Public Works	4		
PUBW1020	Public Works Organization and Administration	4		
PUBW1030	Public Works Management and Communication	4		
PUBW1040	Technical Aspects of Public Works	4		
PUBW1050	Public Works Operations and Maintenance	4		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
6 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 20

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

Public Works

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Understanding and articulating the organization and functions of public works and public works professionals.

Personal and Social Responsibility, including:

- Using the office and professional skills necessary for effective creation and delivery of workplace and technical documents for use by the general public, regulatory organizations and elected officials.
- Understanding and articulating the technical functions undertaken by public works professionals with primary emphasis on roadway design, construction and maintenance.
- Understanding and articulating the advanced concepts of public works operations and maintenance.

The Public Works Certificate provides public works professionals with an opportunity to obtain advanced training and continuing education. Upon completion, program participants receive a certificate from the American Public Works Association – Minnesota Chapter.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Small Business Accounting Cert
2016 - 2017

The purpose of this certificate is for students to learn basic accounting (manual and computer) skills that are used in small businesses. Some of the courses are offered online. Courses can be applied to the 29-credit General Accounting Certificate or the A.A.S. or A.S. in Accounting. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ACCT2111	Financial Accounting	4		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 5 credits:				
ACCT2112	Managerial Accounting **or**	4		
ACCT2230	Computerized Accounting with QuickBooks **or**	3		
ACCT2250	Small Business Payroll **or**	2		
ACCT2260	Small Business Income Taxes **or**	2		
ACCT2300	Accounting Capstone **or**	4		
CIS1101	Business Computer Systems I	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- The theory and practice of the accounting process

Intellectual and Practical Skills:

- How to analyze financial information and make business decisions using critical thinking and problem solving skills

Personal and Social Responsibility and Engagement:

- How to evaluate professional responsibilities, including ethical issues

Integrative and Applied Learning:

- Use of technology including Microsoft Word, Excel and PowerPoint

Upon completion of the program the student will prepared for entry level work in the accounting field. Courses in this degree may transfer to four-year colleges. Consult with an advisor for further information.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Spanish Language Cert
2016 - 2017

The purpose of the Spanish Certificate is to prepare students who wish to gain a fair command of the Spanish language and understand the culture of the Spanish-speaking world. This certificate is appropriate for students who are currently employed in an area related to the use of the Spanish language. Students who complete this certificate will be able to use the language for communication with Spanish-speaking colleagues or customers. Students could include the Certificate on their resume and in a portfolio, indicating a conversational level of Spanish language proficiency. The Certificate helps highlight to employers both in the U.S. and in other countries a students' Spanish language ability and communication skills. This certificate is also applicable to students who are planning to pursue Spanish major or minor in a four-year college or university.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
SPAN1030	Spanish and Latin American Culture	3		
SPAN1101	Beginning Spanish I	5		
SPAN1102	Beginning Spanish II	5		
SPAN2201	Intermediate Spanish I	5		
SPAN2202	Intermediate Spanish II	5		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
7 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 23

Degree Requirements

2.00 overall GPA for NHCC courses

Note: This program requires a minimum grade for courses used by its requirements unless otherwise specified.

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Develop awareness of and articulate the importance of the Hispanic cultures within a global context.
- Demonstrate broad knowledge of the Hispanic World history and civilization, ancient to present, including knowledge of chronology and significance.
- Apply appropriate verbal, nonverbal, listening, writing and reading skills in everyday situations.
- Demonstrate the appropriate use of language structures for communicative purposes in everyday situations.
- Develop constructive, organized work habits and presentation skills.
- Be prepared to transfer to and succeed in Spanish major or minor at an upper-level academic institution.

Gainful Employment Program Information

[Spanish Language](#)

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Studio Arts AFA
2016 - 2017

The Associate in Fine Arts degree in Studio Arts prepares students to continue their studies in a baccalaureate art program. In addition to a general education core set of courses, students will take a Fine Arts core set of courses designed to transfer into B.F.A. and B.A. art programs at four-year institutions.

The Associate of Fine Arts in Studio Arts is designed to articulate to:

- Concordia University B.A. in Studio Art
- Metropolitan State University B.A. in Studio Arts
- Minnesota State University Moorhead B.A. in Art with emphasis in Photography, Painting, Printmaking, Drawing, Ceramics or Sculpture degree

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ART1101	Photography I	3		
ART1301	Two Dimensional Design I	3		
ART1310	Three Dimensional Design	3		
ART1340	Fundamentals of Color	3		
ART1401	Drawing I	3		
ART1402	Drawing II	3		
ART2180	Art History: Pre-History to the Age of Cathedrals	3		
ART2190	Art History: Renaissance to 21st Century Art	3		
ART2611	Painting I	3		
ART2900	Studio Arts Capstone Practicum	1		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 14 credits:				
ART1102	Photography II *or*	3		
ART1160	Digital Photography *or*	3		
ART1270	Digital Video Production *or*	3		
ART1302	Two Dimensional Design II *or*	3		
ART1320	Introduction to Sculpture *or*	3		
ART1361	Ceramics I *or*	3		
ART1362	Ceramics II *or*	3		
ART1770	Quilt Arts *or*	3		
ART2612	Painting II *or*	3		
ART2740	Jewelry Workshop *or*	1		
ART2750	Ceramics Workshop *or*	1		
ART2781	Quiltmaking Workshop I *or*	1		
ART2782	Quiltmaking Workshop II	1		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits[1]				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits[2]				
People and the Environment (Goal Area 10) - 3 credits[3]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Develop a foundation of essential knowledge about the cultural, social, natural worlds, and individual well-being including:

- the study of creative accomplishments, in the context of other people and cultures, past and present, in a visual arts framework

Develop intellectual and practical skills, including:

- visual problem solving that employs technical skills and comprehension of art historical context with application for contemporary art work
- oral and written ability to think critically and analyze contemporary and historical works of art from multiple cultures
- general rules of visual literacy (two and three dimensional design principles, drawing from observation, color theory, digital and photographic technology, and ceramic methodologies)

Demonstrate personal and social responsibility, including:

- understanding forms and concepts associated with the history of art including western, non-western, modern and contemporary art
- developing constructive, organized studio work habits
- developing safe practices in the use of art materials and equipment
- communicating issues of critical thinking skills via the creation of artworks and participation in the formal critique process

Integrative Learning, including:

- producing a portfolio of artworks
- producing work for inclusion in the juried student art exhibition
- participating in the capstone practicum course
- having art works published in Under Construction, the literary art magazine

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Degree Information

An Associate of Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete a program in a designated discipline in fine arts. The A.F.A. degree is designed for transfer to a baccalaureate degree.

Completion of an A.F.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Coursework

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)
2. History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)
3. People and the Environment (Goal Area 10) - 3 credits: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PHIL1200(3)

Theatre AFA
2016 - 2017

The Associate in Fine Arts program in Theatre is designed to provide a broad background in theatre for students planning transfer to another college or university to complete a bachelor's degree. Geared toward performance majors, the degree includes rigorous academic studies along with hands-on experience in theatre methods and practices.

The Associate of Fine Arts in Theatre is designed to articulate to:

- Metropolitan State University B.A. in Theatre
- Minnesota State University Moorhead B.A. in Theatre
- Augsburg University B.A. in Theatre Arts - Performance

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ENGL1450	Reading Plays	3		
TFT1210	Introduction to Theatre	3		
TFT1290	Design for Theatre	3		
TFT1350	The American Musical Theatre	3		
TFT1500	Acting I: Improvisation and Foundations	3		
TFT1510	Foundations of Acting: Stage Movement and Voice	3		
TFT1520	Acting II: Building Characters	3		
TFT1600	Theatre Practicum: Performance	2		
TFT1610	Theatre Practicum: Technical	1		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 8 credits:				
ART1040	Introduction to Art *or*	3		
ART1270	Digital Video Production *or*	3		
ART1310	Three Dimensional Design *or*	3		
ART1320	Introduction to Sculpture *or*	3		
ENGL2500	Playwrighting *or*	3		
ENGL2580	Shakespeare's Plays *or*	3		
MUSC1350	History of Rock 'n Roll *or*	3		
PE1430	Tai Chi Chih *or*	1		
PE1750	Yoga *or*	1		
PE1830	Social Dance *or*	1		
TFT1250	Introduction to Film *or*	3		
TFT1260	Introduction to Television *or*	3		
TFT1270	Digital Video Production *or*	3		
TFT1531	Stage Combat I *or*	3		
TFT1532	Stage Combat II *or*	3		
TFT1540	Acting for the Camera *or*	3		
TFT1710	Oral Interpretation and Traditions *or*	3		
TFT2010	Fundamentals of Directing	3		

General Education Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
COMM1110	Principles of Interpersonal Communication	3		
College Writing I: (minimum grade 1.67)				
ENGL1200	Gateway College Writing (minimum grade 1.67) *or*	4		
ENGL1201	College Writing I (minimum grade 1.67)	4		
ENGL1202	College Writing II	2		

MnTC Electives

Highly recommended courses fulfill more than one goal area.

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Natural Science (Goal Area 3) - 2 courses, 7 credits from 2 different disciplines, one must be a lab course[1]				
Highly recommended: (Goals 3 & 10) ANTH 1020, BIOL 1160, BIOL 1200, BIOL 1610, CHEM 1000 GEOG 1010, GEOL 1010, GEOL 1020, GEOL 1030, GEOL 1040, GEOL 1120, GEOL 1160, GEOL 1850, GEOL 1851, NSCI 1110				
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits[2]				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits[3]				
Highly recommended: (Goals 5 & 8) ANTH 1010, ECON 1060, HIST 1010, HIST 1120, HIST 1130, HIST 1140, HIST 2500, POLS 1100, PSYC 2350 (Goals 5 & 9) ECON 1050, HIST 2600, HIST 2700, POLS 1100, POLS 1140				
Global Perspective (Goal 8) - 1 course[4]				
Highly recommended courses: (Goals 5 & 8) ANTH 1010, ECON 1060, HIST 1010, HIST 1020, HIST 1110, HIST 1120, HIST 1130, HIST 1140, HIST 2500, POLS 1700, PSYC 2350 (Goals 8 & 9) GCST 1213				
Ethical and Civic Responsibility (Goal Area 9) - 1 course[5]				
Highly Recommended: (Goals 5 & 9) ECON 1050, HIST 2600, HIST 2700, POLS 1100, POLS 1140 (Goals 8 & 9) GCST 1213				
People and the Enviroment (Goal Area 10) - 1 course[6]				
Highly recommended: (Goals 3 & 10) ANTH 1020, BIOL 1160, BIOL 1200, BIOL 1610, CHEM 1000 GEOG 1010, GEOL 1010, GEOL 1020, GEOL 1030, GEOL 1040, GEOL 1120, GEOL 1160, GEOL 1850, GEOL 1851, NSCI 1110				
A minimum of 19 credits to fulfill Goal Areas 3, 4, 5, 8, 9, & 10[7]				

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
15 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 60

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- identifying in an historical, cultural and societal perspective the genres of theatre with exemplary authors and works

Intellectual and Practical Skills, including:

- analyzing and effectively communicating stylistic elements of theatre pieces and significant authors, including structural parameters, language, aesthetic factors, and interdisciplinary requirements
- demonstrating technical proficiency and artistic synthesis in vocal, physical and emotional development in performance
- experiencing multiple modern and classical approaches to performance, script interpretation, and character formation
- using a wide range of creative and critical approaches to relate theatre art to society

Personal and Social Responsibility, including:

- the ability to work independently and collaboratively in a high-pressure creative environment
- understanding cultural differences in theatre practices

Integrative Learning, including:

- participating in theatrical productions at varied levels including design, makeup, stagecraft, and production
- demonstrating a required level of proficiency in acting and directing
- investigating careers in the theatre arts

Be prepared to transfer to a four year institution in this discipline.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Degree Information

An Associate of Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete a program in a designated discipline in fine arts. The A.F.A. degree is designed for transfer to a baccalaureate degree.

Completion of an A.F.A. degree fulfills the Goal Area 2 requirement of the Minnesota Transfer Curriculum (MnTC).

Developmental Coursework

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

1. Natural Science (Goal Area 3) - 2 courses, 7 credits from 2 different disciplines, one must be a lab course: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)
2. Mathematics/Logical Reasoning (Goal Area 4) - 3 credits: MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), PHIL1050(3)
3. History and the Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3)
4. Global Perspective (Goal 8) - 1 course: ANTH1010(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL2201(4), ASL2202(4), COMM1310(3), COMM1510(3), COMM1710(3), ECON1060(3), ENGL2360(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST2500(3), HUM1210(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), PHIL1010(3), PHIL1030(3), PHIL1060(3), PHIL1070(3), PHIL1210(3), POLS1600(3), POLS1700(3), PSYC2350(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1260(3), TFT1320(3), TFT1710(3)

5. Ethical and Civic Responsibility (Goal Area 9) - 1 course: COMM1610(3), COMM1810(3), ECON1050(3), ENGL2390(3), ENGL2950(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1210(3), INTD1211(3), INTD1212(3), PHIL1020(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), SOC1130(3)

6. People and the Enviroment (Goal Area 10) - 1 course: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PHIL1200(3)

7. A minimum of 19 credits to fulfill Goal Areas 3, 4, 5, 8, 9, & 10: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2450(3), ENGL2460(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1320(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(3), MATH2400(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1050(3), PHIL1060(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1), WOST0101(4), WOST0999(3), WOST1110(3)

Web Graphic Design and Programming and e-Commerce Cert
2016 - 2017

The Web Graphic Design and Programming and e-Commerce certificate is a broad-based introduction to designing and scripting small business marketing and commercial websites. Students learn the basic principles behind effective design and web programming, including uploading content to the Internet and the basics of e-commerce.

This certificate is for students who have programming skills and would like to gain creative design and e-Commerce skill, or for students who have creative graphic design/art skill and would like to gain skills in programming and e-Commerce, or for students who have business/e-Commerce skills and would like to gain skills in computer programming and creative design. Some courses are offered online.

This certificate is also a great entry point to begin an A.S. degree in Graphic Design, Computer Science, or Business Computer Systems and Management.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
ART1100	Creative Suite: Art, Design and the Web	2		
ART2561	Web Design/Graphics I	3		
ART2562	Web Design/Graphics II	3		
CIS1320	Web Tools	2		
CSCI1020	Beginning Web Page Programming	1		
CSCI1030	Programming for Internet	3		

Program Electives

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
Program Electives - 1 course:				
BUS2310	Introduction to E-Commerce **or**	3		
CIS2310	Introduction to E-Commerce	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
5 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 17

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

Web Graphic Design and Programming and e-Commerce

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Effectively use basic visual design principles.
- Effectively use basic scripting practices.
- Effectively use basic marketing and business concepts

Integrative and Applied Learning, including:

- Construct small business websites using basic visual design principles, basic scripting practices, and basic marketing and business concepts
- or both graphic designers and marketing/business professionals, incorporate a broader awareness of business principles and applications and of graphic design principles in their website design.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Wellness Coach Cert
2016 - 2017

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
EXSC1750	Yoga	1		
EXSC2010	Essentials of Exercise Science	3		
EXSC2100	Concepts of Training	3		
EXSC2110	Advanced Fitness Assessment & Exercise Prescription	3		
EXSC2200	Applications of Training	2		
EXSC2270	Essentials of Sport & Exercise Nutrition	3		
EXSC2750	Wellness Coaching & Health Promotion	3		
HLTH1040	Current Health Issues and Human Behavior	3		
HLTH1070	Nutrition	3		
PHIL1220	Health Care Ethics	3		
PSYC1150	General Psychology	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
10 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 30

Degree Requirements

2.00 overall GPA for NHCC courses

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Word Processing Essentials Cert
2016 - 2017

This certificate is for students who want to learn advanced word processing computer skills. Courses can be taken online. Courses can be applied to the A.A.S. or A.S. in Business Computer Systems and Management. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
CIS1101	Business Computer Systems I	3		
CIS1200	Word Processing	3		
CIS1210	Desktop Publishing	3		

NHCC Residency and GPA

Course No.	Course Title	Credits	Goal Area	Comments/Substitution
3 Credits must be earned at NHCC:				
2.00 overall GPA for NHCC courses				

Total Credit Required 9

Degree Requirements

2.00 overall GPA for NHCC courses

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one-third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 763-493-0555 or through the Minnesota Relay Service at 1-800-627-3529.

Program Outcomes

- Perform clerical and administrative duties for an organization
- Implement the Information processing cycle
- Prepare technical reports and complicated tables
- Integrate information from various Microsoft Office applications into a Word document
- Create documents using desktop publishing skills
- Communicate in a business environment: written, verbal, and nonverbal
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Access and evaluate information effectively

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: www.iseek.org and www.bls.gov.

Accreditation

North Hennepin Community College is accredited by the:
Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: Transfer Information

Course Descriptions

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR	GOAL_ID
ACCT	1000	Small Business Accounting	This course is for the student who wants to understand and practice accounting in a small business environment. Topics include: assets, liabilities, equity, revenue, expenses, accruals, deferrals, preparation/analysis of financial statements, fixed assets and cash control. This course does not transfer to four-year colleges.	4	
ACCT	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
ACCT	2100	The Accounting Cycle	The purpose of this course is to provide the beginning accounting student a basic understanding of the "Debit & Credit" concept along with a basic understanding of assets, liabilities, owners equity, deferrals, accruals and basic financial statement preparation.	1	
ACCT	2111	Financial Accounting	This course is a study of the accounting principles and concepts used to understand and develop financial statements. Topics include accruals and deferrals, revenues, expenses, assets, equities, and cash flows. The course will analyze current industry financial statements from the point of view of investors and creditors for profitability, liquidity and risk.	4	
ACCT	2112	Managerial Accounting	Managerial accounting consists of analyzing and preparing reports for internal use in the company's management decision-making process. This course will cover job costing, budgeting, break-even and cost variance analysis, evaluation of several types of cost and profit centers and profitability review. Prerequisite: Acct 2111	4	
ACCT	2200	Applied Accounting Capstone Course	Topics covered are: in-depth review of assets and liabilities, preparation of journal entries, budgeting, cash flow, internal controls and analysis of small business financial statements. Experience using spreadsheets is recommended. Prerequisite: Acct 2100, 2112, and CIS 1220 or instructor's approval	3	
ACCT	2230	Computerized Accounting with QuickBooks	This course provides a hands-on approach to learning how current (on the market) computerized accounting systems are used and installed. The following modules are covered: general ledger, financial statements, accounts receivable, accounts payable, purchasing, inventory and payroll. Note: Knowledge of accounting debits and credits and CIS 1101 or computer experience is recommended. Prerequisite: Acct 2111	3	
ACCT	2250	Small Business Payroll	Students taking this course will prepare and analyze payroll transactions, federal/state payroll tax reports. Prerequisite: Acct 2111	2	
ACCT	2260	Small Business Income Taxes	This course will assist the student in understanding corporation and personal (Schedule C) tax requirements. It will also show students what they must do to prepare and maintain tax information for the year end business income tax statements. Prerequisite: Acct 2111	2	

ACCT	2300	Accounting Capstone	This final capstone course in the accounting sequence is designed to extend and integrate your understanding of theoretical and practical issues in accounting, including the analytical and decision making processes for business enterprises. Further development of theoretical and practical issues from prerequisite courses and reinforcement of communication skills (writing, discussion, and presentation) are central elements of this course. This course will provide the student with the ability to enter the job market or transfer to a four year school with a good understanding of the accounting functions of a small business. Prerequisites: ACCT 2111, ACCT 2112 and CIS 1220 (or with instructor approval)	4	
ADEV	0940	Building A College Vocabulary	This course offers students an opportunity to learn the major strategies used by adults in developing an academic and professional vocabulary and to develop an individual learning plan for applying those strategies. Students take a pre-test to determine their learning needs, learn a minimum of 200 new words, and take a post-test at the end of the course to document skill improvement. May be repeated for credit. Does not apply toward a degree.	1	
ADEV	0950	Accelerated College Reading and Learning Strategies I	This course is an accelerated version of ADEV 0951 and must be taken with ADEV 0952 to allow a student to move through the developmental reading sequence in one semester. This course prepares students for success in future college coursework. This course emphasizes learning strategies to improve comprehension of a variety of complex texts. This course requires students to examine their existing learning strategies and introduces students to learning practices, processes, techniques and/or strategies necessary for college success. Credit does not apply to a degree. Placement in this class is determined by student's score on the reading assessment test.	3	
ADEV	0951	College Reading and Learning Strategies I	This course prepares students for success in future college coursework. This course emphasizes learning strategies to improve comprehension and understanding of how various texts are organized. This course requires students to examine their existing learning strategies and introduces students to learning practices, processes, techniques and/or strategies necessary for college success, such as prereading, underlining and annotating, and/or developing study aids. Credit does not apply to a degree. Placement in this class is determined by student's score on the reading assessment test. Students who place into ADEV 0951 are required to enroll in the full reading sequence (ADEV 0951 and ADEV 0952) during the first two terms at NHCC. Students who place into ADEV 0951 are required to enroll in this course during their first term at NHCC.	4	

ADEV	0952	College Reading and Learning Strategies II	The academic focus of this course is the introduction of critical literacy skills. Students enrolled in this course are offered extended practice with various literary and informational texts. Students will be expected to produce written products that demonstrate their comprehension of these texts. Students who successfully complete this course will have acquired learning strategies for comprehending and studying a variety of college-level materials. Credit does not apply to a degree. Placement in this class will be determined by student's reading assessment score and/or successful completion of ADev 0951. Prerequisite: For Nursing program students, ADEV 0951 with a grade of B better OR equivalent reading assessment test score. For non-nursing program students, ADEV 0951 with a grade of C or better OR equivalent reading assessment test score.	3	
ADEV	0961	College Learning 1	This course is the first in a series and offers students an opportunity to learn the major strategies used by adults in developing an academic and professional vocabulary and to develop an individual learning plan for applying those strategies. Students take a pre-test to determine their learning needs, learn a minimum of 200 new words, and take a post-test at the end of the course to document skill improvement. May be repeated for credit. Does not apply toward a degree.	2	
ADEV	0962	College Learning 2	This course is the second in a sequence of courses designed to assist students in creating a strong foundation for future college course work. The course emphasizes learning strategies to improve comprehension by addressing such skills as reading motivation, establishing a purpose for reading, active reading processes, vocabulary development, and ways students can regulate their own learning.	2	
ADEV	0963	College Learning 3	This course is the third in a sequence of courses designed to assist students in creating a strong foundation for future college course work. The course emphasizes learning strategies to improve comprehension by addressing such skills as reading motivation, establishing a purpose for reading, active reading processes, vocabulary development, and ways students can regulate their own learning.	2	
ADEV	0964	College Learning 4	This course is the fourth and final a sequence of courses designed to assist students in creating a strong foundation for future college course work. The course emphasizes learning strategies to improve comprehension by addressing such skills as reading motivation, establishing a purpose for reading, active reading processes, vocabulary development, and ways students can regulate their own learning.	2	

ADEV	1950	Reading Texts Critically	This course will focus on developing critical literacy and critical thinking strategies necessary for dealing efficiently and effectively with different kinds of college reading assignments. A major focus of the class will be on developing strategies such as pre-reading, marking and annotating, identifying patterns of organization and vocabulary enhancement. Critical literacy and critical thinking will be applied to a variety of assignments. Prerequisite: ADev 0952 with a grade of C or better or equivalent reading assessment test score. For Nursing program students, ADEV 0952 with a grade of B better OR equivalent reading assessment test score.	3	
ADEV	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
ANTH	1010	Introduction to Anthropology: Cultural Anthropology	This course examines the nature of culture by studying the forms of conventional behavior (language, ideology, social organization, and technology) and their material manifestations. It also seeks to explain the variation in cultures of representative ethnic groups and societies of present and recent past in terms of ecological adaptation and cultural evolution.	3	05, 08
ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	This course studies the relationship of prehistoric physical and cultural origins and development of humankind to the establishment of the first civilizations of the Old and New worlds. It examines the archaeological evidence for the theory of bio-cultural evolution, which helps to explain both the prehistoric developments and much of the cultural variation that is in the world today. The course does include a lab-like experience.	3	03, 10
ANTH	1130	The Archaeology of Ancient Europe	Anthropology is concerned with the many ways that humans have adapted to their physical and social environments, including the systems of meaning and social organization that they use, as well as the historical development of those adaptions. There are a number of subfields within Anthropology in America: (Archaeology, Physical Anthropology, Linguistics, and applied Anthropology), and this course focuses on the remote past of Europe before the advent of writing (history), as revealed through archaeological research. We will focus primarily on Termperate Europe (north of the Alps), but to do so we will repeatedly run into the sophisticated cultures of the Mediterranean Basin. Evidence will be considered starting with the first people in Europe, through millennia of hunting and gathering, and then then the broad changes that occurred with the advent of agriculture and metal use, and the increasing societal complexity, ending with the coming of the Romans who brought "civilization" to their northern neighbors.	3	05, 10

ANTH	1140	Anthropology of Religion	This course involves the study and comparison of religious institutions from a wide variety of cultures. We will consider the wonderful array of beliefs and practices of humanity. We will consider religion, magic, and witchcraft, and how these cultural constructions shed light on the societies in which they were created. Through seminar-style discussions of a variety of essays on religion and some videos, students will engage with the material on a deeper level than they normally would in a lecture format. Throughout the course, students will learn about the development of a wide variety of religious group identities, and their changing meanings across a wide range of cultures, and periods of history. They will learn about the dynamics of social stratification that religious groups experience today. Students will study the diversity of religion, and the racism and bigotry that often plagues peoples ideas and behavior towards other religious groups. This material will bring to light the institutional exclusion and discrimination that certain groups have endured. This course involves the study and comparison of religious institutions from a wide variety of cultures. We will consider the wonderful array of beliefs and practices of humanity. We will consider religion, magic, and witchcraft, and how these cultural constructions shed light on the societies in which they were created. Through seminar-style discussions of a variety of essays on religion and some videos, students will engage with the material on a deeper level than they normally would in a lecture format. Throughout the course, students will learn about the development of a wide variety of religious group identities, and their changing meanings across a wide range of cultures, and periods of history. They will learn about the dynamics of social stratification that religious groups experience today. Students will study the diversity of religion, and the racism and bigotry that often plagues peoples ideas and behavior towards other religious groups. This material will bring to light the institutional exclusion and discrimination that certain groups have endured. Through the consideration and discussion of numerous religious groups of America and beyond, students will learn the role(s) that these groups	3	05, 07
ANTH	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
ARBC	1030	Arab Cultures	This course discusses the history and culture of the Arab world, examining various aspects of this rich and venerable civilization, the importance attached to education, the achievements of Arab science and also the internal conflicts, wide-spread poverty, and the role of women. This course is also an introduction to how the religion of Islam created a far-flung Arab Muslim world that embraces lands reaching from the shores of the Atlantic to the Indian Ocean, and examines how social institutions and culture are intertwined with politics and economics. This course is taught in English; no previous knowledge of Arabic language is required.	3	06, 08

ARBC	1101	Introduction to Arabic	Designed for the student with little or no previous experience with a second language, this course gives students the opportunity to learn basic communication needs in Arabic. The four language skills of reading, listening, writing, and speaking will be implemented and practiced. The class begins with learning the Alphabet and progresses into learning reading elementary level Arabic, writing simple sentences, speaking basic and introductory idioms. Listening drills and exercises are employed in the class. Students will also learn basic grammar and its applicability, especially in writing. The course also introduces students to the culture of the Arabic-speaking people. Some aspects of Arab heritage, traditions, and customs will be highlighted and explained.	4	08
ARBC	1102	Beginning Arabic II	This course is the second of two-course series to fulfill the needs of our students as well as our community. It is designed for non-native beginners to learn formal Arabic also known as Modern Standard Arabic. Prerequisite: Arbc 1101	4	08
ARBC	2201	Intermediate Arabic I	This course continues the development of the multiple language skills introduced in the beginning sequence. The student is introduced to the literature and culture of Arabic speaking nations. Prerequisite: Arbc 1102 or equivalent	4	08
ART	1040	Introduction to Art	This course introduces the basic concepts of the visual arts, the organization of art forms, and the historical development of architecture, painting, and sculpture with an emphasis on contemporary art. A general world view of art is presented through lecture and discussion. Students will investigate the creative aspects of the visual arts through in-class examples and a field trip to a Twin Cities museum.	3	06, 08
ART	1100	Creative Suite: Art, Design and the Web	An introduction to creating art, designing for print and the web using Adobe Creative Suite. Students will learn how to use Photoshop, Illustrator, InDesign, and Dreamweaver to produce creative design solutions for artwork, graphic design and web design. This course is for anyone with an interest in learning more about art, graphic design, web design and the Adobe Creative Suite.	2	
ART	1101	Photography I	This is an introduction to the fundamentals of black and white photography. Both technical and creative skills are developed in the use of the camera, exposing and developing film, enlarging and finishing the black and white photograph. Class critiques help articulate individual visual growth while artist presentations and field trips to galleries and museums help acquaint students with significant photographers. Students use film-based cameras with adjustable shutter speed and f-stop. A limited number of cameras are available for rental.	3	06
ART	1102	Photography II	This course is for students with a basic background in camera operations and darkroom procedures. There is a greater emphasis on the photograph as a fine print, the student's personal growth and perceptions in the medium. Class time will include discussions, slide shows and guest lectures. Students must have a film-based camera with adjustable shutter speed and f-stop. Course may be repeated for credit. Prerequisite: Art 1101	3	06

ART	1160	Digital Photography	A logical sequence to Art 1101 or 1140, this class emphasizes the computer as a digital darkroom to create photographic images through the traditional camera or a digital camera.): Course content includes an overview of basic photographic techniques and a rigorous examination of Adobe Photoshop through assignments and personal exploration, class critiques and artist presentations, to help student understanding of photographic art. Students must have their own digital or analog camera.	3	06
ART	1170	Advanced Photography	This course blends traditional and digital photography introducing a variety of both film based and digital technology to support creative and personal visual investigation. Prerequisites: Art 1101 and/or Art 1160	3	06
ART	1270	Digital Video Production	This course introduces basic video production concepts and techniques with an emphasis on using the elements of motion and sound as creative artistic tools. Students will critically analyze video in terms of genre, context, meaning, visual language and form and then produce and edit their own short projects that explore creative and experimental applications of the medium rather than the traditional mass communication form. Students are encouraged to use their own computer for editing if possible. Basic knowledge of the computer is helpful.	3	06
ART	1301	Two Dimensional Design I	This course introduces a visual vocabulary and tools essential for all flat design and space, and investigates basic principles related to composition, pattern making, illusory space, and self expression. Various techniques and materials are explored including paint, pencil, pen, brush, and pastels. This course also introduces students to artists and design elements from a variety of cultures. Strongly recommend taking Drawing I before this course.	3	06
ART	1302	Two Dimensional Design II	This course expands the study of flat design with emphasis on solving design problems. Students will be engaged in the more complicated tasks of integrating contrasting elements such as nonobjective and objective shapes, naturalism and idealism, shape and mass. Personal expression, design development and visual thinking as well as specialized techniques and materials are included. Design from different cultures and different artists will be discussed. Prerequisite: Art 1301	3	06
ART	1310	Three Dimensional Design	As an introduction to the basic language of three-dimensional design, this course includes constructive, additive, subtractive and substitution techniques using traditional and contemporary media. Various methods of presentation are explored ranging from small freestanding works to site-specific models and proposals.	3	06
ART	1320	Introduction to Sculpture	This course is a specialized study on an individual basis in wood, metals, plaster, clay, stone or mixed media. The student will work with the sculptural possibilities of these materials and refine their ability to work in one particular medium.	3	06

ART	1340	Fundamentals of Color	The course teaches fundamental color theory by introducing the physical, perceptual, and artistic aspects of color. The dimensions of color are explored through theory and practice using paint and colored papers. Students also are introduced to the theories of the physiology and the psychology of color reception, cultural taste and preferences as they relate to color choices, and the color usage of well known artists, of art movements, and of different world cultures. Strongly recommend taking Drawing I before this course.	3	06
ART	1361	Ceramics I	Ceramics is an introductory studio course that presents students with a fundamental understanding of the hand building and wheel throwing processes in clay. This course will focus on a creative and imaginative approach to solving visual problems in clay. Ceramics will introduce all methods of forming clay including pinch, throwing, coil and slab building.	3	06
ART	1362	Ceramics II	Ceramics II is an advanced studio course that presents students with an in-depth understanding of the hand building and wheel throwing processes in clay. This course emphasizes student's development of a personal creative style taking an imaginative approach to solving visual problems in clay. Ceramics ll will introduce all methods of forming clay combining pinch, throwing, coil and slab building with comprehensive glazing techniques. Prerequisite: Art 1361	3	06
ART	1401	Drawing I	This course introduces basic drawing concepts such as line, value, gesture, proportion, composition, and space; and techniques using traditional and contemporary drawing media. A variety of subjects from still life, architectural forms, nature and the human figure are used as inspiration for the student's drawings. Students will also be introduced to the art of important artists who have used drawing successfully in their work.	3	06
ART	1402	Drawing II	This course continues the study of drawing concepts using various media to explore color, the human figure, and representational as well as non-representational subject matter. Personal expression is emphasized. Students will examine the art of important artists who have used drawing successfully in their work. Prerequisite: Art 1401	3	06
ART	1701	Fabrication 1 - Bench Jewelry	This class introduces the basic equipment used in jewelry fabrication, such as hand tools, torches, flex shafts, polishers, rolling mills. Students will learn how to lay out, drill, pierce, file, form, solder, and polish metal. Students will fabricate jewelry pieces such as rings, earrings and bezel pendants. No experience required	1	
ART	1702	Fabrication 2 - Bench Jewelry	Continuing and extending the skills attained in Fabrication I, this class introduces advanced fabrication techniques used in jewelry fabrication, such as soldering, pierced overlays and intricate patterning skills. Prerequisite: ART 1701	1	
ART	1703	Fabrication 3 - Bench Jewelry	Continuing and extending the skills attained in Fabrication II, this class builds on advanced fabrication techniques used in jewelry fabrication. Prerequisite: ART 1702	1	
ART	1704	Casting - Bench Jewlery	This class introduces a variety of casting methods with an emphasis on lost wax casting. Students will learn to sprue and invest wax models, calculate metal requirements, control the burnout cycle and cast projects.	1	

ART	1705	Repair 1 - Bench Jewlery	This class covers the most common jewelry repairs. Students will learn ring sizing, chain repair, prong repair, and clasp repair.	1	
ART	1706	Repair 2 - Bench Jewelry	Building on the skills acquired in Repair 1, students will be introduced to more advanced repair problems, such as adding settings, repairing prongs, rebuilding tips, installing spring inserts, replacing a half shank and cleaning up castings. Prerequisite: ART 1705	1	
ART	1707	Settings 1 - Bench Jewelry	This class introduces the basic setting concepts of bezel and prong settings, the most common settings used in jewelry. Students will learn to prepare and use pushers, punches, and hammers. Prerequisite: ART 1701	1	
ART	1708	Settings 2 - Bench Jewelry	Building on the skills acquired in Repair 1, students will be introduced to more advanced repair problems, such as adding settings, repairing prongs, rebuilding tips, installing spring inserts, replacing a half shank and cleaning up castings. Prerequisite: ART 1707	1	
ART	1709	Polishing and Finishing - Bench Jewelry	Students will learn the critical skills of professionally finishing a jewelry project and will be introduced to the theory and practice behind artistic and beautiful finishes on jewelry, using a variety of buffing and polishing tools such as wheels, buffs, brushes, abrasives and compounds. Prerequisite: ART 1701	1	
ART	1710	Trade Practices - Bench Jewelry	This course will introduce students to effective business and resource practices for jewelers, the legalities to know when working in the industry, and industry organizations in which to participate in order to stay current. Students will learn about recycling scrap gold, testing gold, taking in jobs, tool maintenance, health precautions, trade organizations, industry events, insurance, resources, laws, copyrights, trademarks.	1	
ART	1770	Quilt Arts	This class explores the visual and expressive possibilities of quilting as a fine art. Students will solve design problems using fabric. Traditional and non-traditional quilting techniques will be used to enhance personal expression and to create innovative visual communications.	3	06
ART	1810	Studio Art Workshop	The 1-credit Studio Art Workshop is a basic studio course that presents to art and non-art students the fundamentals required to complete projects in a particular art medium or art application process. The class covers fundamental technical use as well as incorporating personal aesthetics into ones output in the medium. NOTE: The particular medium covered in a given semester will be noted on the semester class schedule but will not show up in the student transcript. Students desiring to transfer this course may need to obtain a copy of the course syllabus to show the particular medium emphasized in a given semester. This course is repeatable for credit.	1	06

ART	1820	Studio Art Workshop	The 2-credit Studio Art Workshop is a studio course that presents to art and non-art students the fundamentals required to complete projects in a particular art medium or art application process. The class covers fundamental technical use as well as incorporating personal aesthetics into ones output in the medium. In addition, this class helps students see the creative process as a method of developing a concept and solving related problems. Aesthetic Critique and artistic reflection is a component of this class. NOTE: the particular medium used will be noted on the semester schedule but will not show up in the student transcript. Students desiring to transfer this course may need to obtain a copy of the course syllabus to show the particular medium emphasized in a given semester. This course is repeatable for credit.	2	06
ART	1970	Graphic Design Internship Experience	Facilitating an internship experience between a student and an engaged employer.	2	
ART	1980	Internship	This course will provide the flexibility of offering a discipline specific internship opportunity. It is designed to ready the student for transition from the classroom to the work place, emphasizing practical skill development and additional development of the students organizational, communication and critical analysis skills. The course may be repeated for credit. Permissions from instructor is required.		
ART	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3	
ART	2180	Art History: Pre-History to the Age of Cathedrals	This course examines painting, sculpture and architecture of cultures from prehistory to the end of the 15th Century. While the emphasis is on developments in Western art, the course includes overviews of the arts of Asia, Africa and the Americas. Museum visits support the lectures and text.	3	06, 08
ART	2190	Art History: Renaissance to 21st Century Art	This course examines painting, sculpture and architecture of cultures from the 16th century to the present, as well as new media of the modern era. While the emphasis is on developments in Europe and the United States, the course will include overviews of the arts of Asia, Africa and the Americas. Museum visits support the lectures and text.	3	06, 08
ART	2300	Architectural History	This course is a survey of the history of Western architecture from pre-history to the present day. The student will gain knowledge and understandings of the characteristics of the architecture of Western cultures, the ideas and intentions which motivated builders, as well as terminology related to architectural design and construction.	2	08
ART	2300	Architectural History	This course is a survey of the history of Western architecture from pre-history to the present day. The student will gain knowledge and understandings of the characteristics of the architecture of Western cultures, the ideas and intentions which motivated builders, as well as terminology related to architectural design and construction.	2	06

ART	2540	Illustration	This course introduces students to various illustration techniques used in graphic design studios. Students will be encouraged to develop illustrative skills that can be applied to design. Through creative problem solving and research, students will learn to develop and refine an image. Prerequisite: Art 1401	3	
ART	2550	Typography	This course explores basic concepts of typography including: history, anatomy and mechanics, copyfitting, legibility, syntax, and communication within the context of process-oriented, problem-solving projects. Students will learn the effective use, importance and impact of typography in graphic design. This is an advanced course in the techniques of typography for graphic design. Students work on projects that involve complex visual ideas and are encouraged to develop a personal style in their visual communication. Prerequisite: ART 1301	3	
ART	2561	Web Design/Graphics I	Web design for the graphic designer I. This course explores web design concepts from a graphic designers perspective on how to adapt print design and illustration to web design using Photoshop®, Dreamweaver®, and Fireworks®. Experience with digital photography and image editing (PhotoShop) is suggested.	3	
ART	2562	Web Design/Graphics II	This is the second course in a series of web design courses for graphic designers. This course explores advanced web design concepts from a graphic designers perspective. Students will adapt graphic design and illustration to web design using current web design and animation software/technologies. Students will explore web user interface (UI) design, web animation techniques, integration of video and sound, and the use of type design in web applications. Students will explore prototyping a web design and working with a developer/programmer. The course also includes an introduction to multimedia design for the web. Prerequisite: ART 2561	3	
ART	2601	Graphic Design I	This course is a study of Graphic Design theory and applications. Students explore the creative process in the development of visual communication and its relationship to creating graphic design ideas. The visual language of design is explored as students design a variety of projects through application of computer graphics and use of software. Prerequisites: Art 1301, Art 1340 and Art 2901	3	
ART	2602	Graphic Design II	This is an advanced studio course in graphic design. The content and scope of the projects will help students to understand the nature of graphic design projects as well as the research and content knowledge necessary to achieve professional design solutions. Students will assemble a portfolio necessary for success in the field of professional design. Prerequisite: Art 1301, Art 1340 and Art 2901 or concurrently enrolled in.	3	
ART	2611	Painting I	This course is an introduction to the basic skills and techniques of painting. The study of paint and materials, the use of color in painting and the development of ideas are important elements in this class. Exploration of realism, abstraction and contemporary painting are all important aspects of Painting I. Prerequisite: Art 1401 Recommended: Art 1340	3	06

ART	2612	Painting II	Using advanced painting techniques, this course emphasizes student's development of a personal style. Prerequisite: Art 2611	3	06
ART	2640	Watercolor	This course is an introduction to the basic skills and techniques of watercolor painting. The special characteristics of watercolor application will be explored to create both traditional and abstract results.	3	06
ART	2740	Jewelry Workshop	This workshop is a basic introduction to rudimentary jewelry-making techniques which includes fabrication of metals through hand piercing, sawing, forging, soldering, riveting and forming raw materials such as silver, copper, brass and found objects. May be repeated for credit.	1	06
ART	2750	Ceramics Workshop	Ceramics Workshop is a basic studio course for art and non-art students which provides a fundamental understanding of the hand building and wheel throwing processes in clay. Ceramics Workshop will introduce all methods of forming clay including pinch, throwing, coil and slab building. This course is repeatable for credit.	1	06
ART	2781	Quiltmaking Workshop I	This is a basic workshop introducing the processes and technical skills of quilting along with an introduction to artistic principles such as color, texture, line, form, and composition. Students are also introduced to information about the history of quilting and the cultural connections quilting holds within our society.	1	06
ART	2782	Quiltmaking Workshop II	This is an advanced workshop which further develops the processes and technical skills of quilting along with artistic principles such as color, texture, line, form, and composition. This course may be repeated for credit.	1	06
ART	2800	Painting Workshop	This is a basic course in painting. The emphasis of this course is on painting procedures, color use and composition, but students also will explore the connection of art to historical context. Subject matter, visual elements and principles, and technique will be explored.	1	06
ART	2810	Publication Design	This course introduces the history and techniques of publication design and production and advances the student's skills in publication layout and page design. Concepts in magazine and book page layout are studied through lectures and studio projects. Printing technology is explored from design to production. Through experimentation and group discussions, students will learn how to refine their design concepts into a professional format. Prerequisites: ART 1301 (2-D Design I) and ART 1340 (Fundamentals of Color) and ART/GDES 2901 or currently enrolled in ART/GDES 2901	2	
ART	2820	Drawing Workshop	This workshop is an introduction to basic concepts in drawing and visual perception using traditional drawing materials and techniques.	1	06
ART	2860	Photography Workshop	This basic course is an intensive, personal exploration of various photo-related topics for those who wish a sampler. Topics for separate workshops are color photography, digital photography, nature and landscape photography, among others.	1	06

ART	2900	Studio Arts Capstone Practicum	This course is intended for students who have completed a significant portion of coursework in the Studio Arts AFA program and are within a semester of completion. It is a capstone experience in which students will refine their skills in portfolio building, artistic presentation in the professional arts world, resume building, critique skills, exhibition preparation, and use of web resources for artists' representation. Students will work closely with faculty to integrate concepts learned throughout their program into a final portfolio of work in preparation for continued study or work. Prerequisites: Art 1301, Art 1310, Art 1340, and Art 1401	1	06
ART	2901	Desktop Design I	This course introduces students to the use and function of graphic design software programs. Through professional design projects students will learn to effectively use the essential techniques, tools, and principles of each program. Students will apply problem solving techniques to design projects that simulate real-world design challenges faced in today's design studios.	3	
ART	2902	Desktop Design II	This course is a continuation of Desktop Design I. The advanced capabilities of the Macintosh computer are explored as well as the use of QuarkXPress, a popular page layout program. Adobe Photoshop(color photo manipulation software) and Adobe Illustrator (drawing and design program) are also studied. Students are introduced to the concepts of design and production workflow.	3	
ART	2970	Art Appreciation Field Trip	This course consists of tours to various cultural centers to experience a variety of art exhibits, lectures, demonstrations and facilities. This course may be repeated for credit.

Students will need to provide their own transportation to Twin Cities area museums or galleries. | 1 | 06 |
| ASL | 1101 | American Sign Language I | This course teaches the basics for communication with Deaf and Hard-of-Hearing individuals. The course includes receptive and expressive finger-spelling, signing, conversational behaviors, and various aspects of Deaf Culture. | 4 | 08 |
| ASL | 1102 | American Sign Language II | This course is a continuation of ASL 1101. The student's signing and finger-spelling will be increased to improve their signing skills.
Prerequisite: ASL 1101 | 4 | 08 |
ASL	1300	Deaf Culture	This class provides students with an understanding of the History and Culture of Deaf People. Students will learn about Deaf and Hard of hearing people in the Deaf Community in all areas of the United States and how the culture has progressed since the 1800's.	3	07
ASL	1400	Fingerspelling and Numbers	Fingerspelling and Numbers course provides students the fundamentals to learn basic letters, words, and numbers in American Sign Language. This course will prepare students to communicate with Deaf and Hard of Hearing people on a basic level. Practice time in class will allow students to easily increase their speed signing.	3	
ASL	1990	Special Topics	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

ASL	2201	Intermediate American Sign Language I	This course gives students an opportunity to practice their signing skills while increasing their knowledge of various vocabularies, using appropriate body language and facial expression. The course also will prepare students to read signers and will introduce more complex ASL structures. Prerequisite: ASL 1102	4	08
ASL	2202	Intermediate American Sign Language II	This course gives students an opportunity to increase their listening and signing skills in depth. Students will meet Deaf people in a field trip setting to expose them to the Deaf world. Students may do observations with Deaf and Hard-of-Hearing people approximately three times. Prerequisite: ASL 2201	4	08
BIOL	1000	Life Science	The course introduces the breadth of biology from the principles of chemistry to ecology. The production and utilization of biological energy is explored at the cellular and organism level. The principles of inheritance and cellular reproduction are explored at the molecular, cellular level and organism levels. The unity and diversity of life and life processes is emphasized. The laboratory focuses on the techniques required to discover biological principles. Activities are hands-on. (3 hours lecture, 3 hours lab).	4	03
BIOL	1001	Biology I	This course focuses on the concepts of biological chemistry, cell structure and function, cellular metabolism, molecular genetics and heredity reproduction and development. The course is intended for allied health majors and others not requiring a majors-level introductory biology. High school algebra and chemistry are recommended. (3 hours lecture, 3 hours lab).	4	03
BIOL	1030	Boundary Waters Canoe Area Field Biology	This is a lecture, lab, and field based course in which students will study the biological communities and ecology of the mixed coniferous/deciduous forests, lakes, and wetland ecosystems of the BWCA region. The course culminates with an eight to nine day long field trip to the area. This course is open to all students.	4	03, 10
BIOL	1040	Rocky Mountain Field Biology	This course considers field characteristics and ecological relationships of Rocky Mountain flora and fauna. It includes principles of plant and animal anatomy, identification, practical (edible, poisonous wild plants and animals) and economic considerations. Students participate in a nine-day field trip in the Rocky Mountains of Colorado. This course is open to all students. This course will likely and be part of a two or three course package/program and have co-requisite courses.	4	
BIOL	1101	Principles of Biology I	This is the first course in a two-semester biology sequence. This course introduces students to the concepts of cell structure and function, cellular metabolism, heredity and genetics. This course is intended for students for biological and physical science majors or those planning to enter a professional program. (3 hours lecture, 3 hours lab) Prerequisite: CHEM 1061 or Concurrent Registration with CHEM 1061 by Dean Approval.	4	03

BIOL	1102	Principles of Biology II	This course is the second in the two semester sequence of introductory biology. Topics include principles of evolution, ecology, biodiversity and an introduction to living systems. Utilization of preserved animal specimens is a required part of this course. One semester of college chemistry is recommended. (3 hours lecture, 3 hours lab) Prerequisite: BIOL 1101; or BIOL 1001 with instructor permission and concurrent enrollment in CHEM 1061	4	03
BIOL	1120	Human Biology	This introductory level course provides students with a one semester overview of the structure and function of the human body. The course is open to all students: however, it does not fulfill the human anatomy and physiology requirement for those who are planning to pursue a career in the health sciences. This course fulfills the lab-like experience requirements for MnTC Goal Area 3.	3	03
BIOL	1130	Human Biology with a Lab	This introductory level course provides students with a one semester overview of the structure and function of the human body. The course is open to all students: however, it does not fulfill the human anatomy and physiology requirement for those who are planning to pursue a career in the health sciences. This course has a laboratory experience and fulfills the requirements for MnTC Goal Area 3. (3 hours lecture. 2 hours lab)	4	03
BIOL	1140	Introduction to Human Genetics and Origins	This course in an introduction to human genetics and origins including evolution and ancestry. Students are introduced to cell biology, inheritance, epigenetics, DNA, chromosomes, mutations, population genetics, genetics of health and behavior, genomics and genetic technologies. Students will use the process of scientific inquiry to analyze personal genetic data from direct-to-consumer DNA testing in a guided independent project. Testing with a direct-to-consumer (DTC) testing company will be done at the start of the course, or students may opt-out and use available genomes. Students who have previously tested with a DTC company should consult with the instructor. This course is suitable for both biology majors and non-majors. (3 hours lecture, 3 hours lab)	4	03
BIOL	1160	Global Environment Field Biology	This course will introduce students to the ecology and environmental issues of various locations abroad, and present them within the context of the social, cultural and political conditions of that country or region. Students will examine how various cultures and societies approach ecological and environmental problems. The impact of globalization on these issues will be a major focus of the course. Students will travel to the country or region of study to examine first-hand the issues covered in the course.	4	03, 10
BIOL	1200	Current Environmental Issues	Using an interdisciplinary approach, this course examines various aspects of natural and human-made ecosystems, human's intervention, and the subsequent impact on society and nature. It emphasizes current problems, values, and projection for the future. The lab involves internet exercises, videos, group discussion, individual and group projects, field trips and other outdoor activities. (3 hours lecture, 4 hours lab)	4	03, 10
BIOL	1230	Medical Terminology I - Basics	This course is designed to introduce students to the Greek and Latin derivatives used to form medical terminology. Students will learn how to build and analyze medical terms. Emphasis will be placed on proper spelling, definition, usage, and pronunciation of medical terms. Other topics include: prefixes, suffixes, combining forms, introduction to basic biology, and introduction to body systems.	1	

BIOL	1231	Medical Terminology II - Application	This course is a continuation of Biol 1230 Medical Terminology I - Basic. The focus is on applying proper medical terminology in reading medical reports, case histories and using the medical dictionary. Prerequisite: Biol 1230	1	
BIOL	1300	Careers in Biology	Career choice is based upon your personal values, needs and goals. Through outside speakers, networking and workshops, we will explore the diversity of biology-related careers and industries to match your values and needs. We will learn how to make academic plans that involve course selection and experiences that allow us to achieve our goals. Prerequisite: Biol 1000, 1001 or concurrent enrollment	1	
BIOL	1350	Biology of Women	This course is designed to allow students to explore the biological aspects of being female throughout her life cycle from sex cell formation through menopause and aging. Students will also gain an historical perspective of women over the ages including women in science, will be introduced to the nature of science and the scientific method, study the biology of gender differences, gain a multicultural perspective of women's health issues as well as a comprehensive study of female and male reproductive biology. Topics that will be covered include sex cell formation, genetic inheritance, gene expression, sex determination, pregnancy and birth as well as other health issues such pre-menstrual syndrome, birth control, sexually transmitted diseases, and cancer. This course includes a lab-like experience. The course is open to both male and female students.	3	03
BIOL	1360	Biology of Women with a Lab	This course is designed to allow students to explore the biological aspects of being female throughout her life cycle from sex cell formation through menopause and aging. Students will also gain an historical perspective of women over the ages including women in science, will be introduced to the nature of science and the scientific method, study the biology of gender differences, gain a multicultural perspective of women's health issues as well as a comprehensive study of female and male reproductive biology. Topics that will be covered include sex cell formation, genetic inheritance, gene expression, sex determination, pregnancy and birth as well as other health issues such pre-menstrual syndrome, birth control, sexually transmitted diseases, and cancer. The course is open to both male and female students. (3 hours lecture/2 hours lab) NOTE: This course has a lab component that incorporates active learning in a lab setting to support classroom material.	4	03
BIOL	1600	Biology of Nature Series	Explore the natural history of Minnesota! A series of courses on topics as diverse as wetlands, wild flowers, edible plants, predatory birds, prairie ecology, and winter biology are offered throughout the year. These one-credit courses are taught on an introductory level. Each course may be taken for one credit.	1	10
BIOL	1610	Field Ecology	This course is a team-taught, field-based introduction to the flora, fauna and biological communities of the woodland, lake, and wetland ecosystems of northern Minnesota and Wisconsin. This course is a field experience including observations, hypothesis, predictions, and evaluation of scientific data and results. A three-day trip to a university biological field station provides the venue for this hands-on course which is open to all students.	1	03, 10

BIOL	1650	Human Biology Series	This course provides students with an Intensive overview of sophisticated, timely topics in biology related to the human condition. This course is intended for general audiences. The overview will include development of scientific background for understanding the topic historical perspective, significance of the issue in both a societal and a scientific context, and exploration of the scientific processes related to the topic. These courses include a variety of topics of interest to any student. Topics have included: Bioethics, Biology of Alcoholism, Biology of HIV, Biology of Viruses, Emerging Diseases, and other current topics pertaining to human biology. This course fulfills the lab-like experience requirement for MnTC Goal area 3. Check web site for each semester's topics. This course is open to all students.	1	03
BIOL	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
BIOL	2020	Animal Biology	This course provides a framework for understanding the phylogenetic relationships among the major groups (phyla) of animals. Knowledge of the ecology, morphology, and evolutionary history of the phyla informs the student's understanding of how diverse groups of animals have solved the common problems of existence (e.g., feeding, movement, respiration, and reproduction) and how their solutions have given rise to increasing levels of structural complexity. The laboratory is an integral part of the course; activities are hands-on and require dissection of preserved animals.(3 hours lecture, 4 hours lab) Pre-requisite: Biology 1001/1101 and Biology 1002/1102 with a grade of C or better, or consent of the professor.	4	03
BIOL	2030	Plant Biology	This course is an introduction to plant biology, and is intended for students majoring in biology and related fields. The course includes a survey of the major taxonomic groups of plants, fundamentals of plant anatomy, physiology, reproduction and development, evolution, and systematics. (3 hours lecture, 3 hours lab) Prerequisite: Biol 1001/1101 and Biol 1002/1102 with a grade of C or better, or consent of the professor.	4	03
BIOL	2100	Microbiology	This course is a study of bacteria, viruses, fungi and protozoa, infection, immunity, human diseases and microbiology of food and water. Laboratory exercises stress detection, isolation and control of microorganisms. (3 hours lecture, 3 hours lab) Prerequisite: Biol 1001 or 1101 with grade of "C" or better	4	03

BIOL	2111	Human Anatomy and Physiology I	This course is the first course of a two-course sequence. The course offers students a comprehensive study of the structure and function of the human body in a classroom and laboratory setting. Topics include anatomical terminology, homeostasis, cell structure and function, histology, as well as the anatomy and physiology of the following organ systems; integumentary, skeletal, articular, muscular, nervous, special senses and endocrine. Utilization of preserved specimens in the laboratory is a required part of the course. (3 hours lecture, 3 hours lab) Strongly recommend college level reading abilities, a working knowledge of elementary algebra and a medical terminology course. Prerequisite: Biol 1001 or 1101 with grade of "C" or better. Recommendations for student success in this class include: a prior course in medical terminology, college level reading and basic algebra skills	4	03
BIOL	2112	Human Anatomy and Physiology II	This course is the second course of a two-course sequence. This course offers students a comprehensive study of the structure and function of the human body in a classroom and laboratory setting. Topics include the anatomy and physiology of the following organ systems: circulatory, non-specific and specific defenses, respiratory, digestive, urinary, reproductive and early development. Strongly recommend college level reading abilities, a working knowledge of elementary algebra and a medical terminology course. Utilization of preserved specimens in the laboratory is a required part of the course. (3 hours lecture, 3 hours lab) Prerequisite: Biol 2111 with a grade of "C" or better.	4	03
BIT	1000	Introduction to Building Inspection	This course is designed to provide an introduction to the field of building inspection. The student will learn about the history of codes, what codes and standards are and how they are developed, along with receiving an introduction to plan reading, field inspections, department administration and information on the industry and types of positions that provide a student with a broad overview of the building inspection industry and is suited for students working toward a career in the code enforcement industry.	2	
BIT	1050	Foundations of Construction Codes and Inspections	This course provides an introduction to the field of building inspection and construction codes. Provides an introduction to the field of building inspection and construction codes. The student will learn about the history of codes, what codes and standards are and how they are developed, along with receiving an introduction to plan reading, field inspections, department administrations, plumbing, mechanical systems and information on the industry and types of positions that work in a building department. This course is intended to provide a student with a broad overview of the building inspection industry and construction codes.	3	
BIT	1100	Field Inspection	This course provides a basic understanding of how to conduct field inspections under the IRC. Students will learn about building components and systems and how building code requirements are applied to these systems during construction. This course is intended for a student working toward a career in the construction industry as an inspector or as a project manager. For BIT students it is recommended that BIT 1000 be completed before this course.	2	

BIT	1150	Residential Plan Review and Field Inspections	Emphasizes techniques for plan review and field inspections on single family dwellings, townhomes, and accessory structures associated with dwellings, in accordance with the current International Residential Code (IRC). Students will learn about egress components, basic fire and life safety, building construction techniques, building components and systems, and other requirements related to residential dwellings. Prerequisite: BIT 1050	4	
BIT	1210	Advanced Field Inspection	This course is designed to give the experienced construction inspector an understanding of the more detailed requirements of the International Building Code. Topics covered will include standards referenced in the International Building Code, which are considered an extension of the code. Emphasis will be on commercial, industrial, and multi-story buildings. For BIT students it is recommended that BIT 1100 be completed before taking this course.	2	
BIT	1250	Commercial Plan Review and Field Inspections	Emphasizes techniques for plan review and field inspections on commercial, industrial, multi-story buildings, and multi-family structures in accordance with the International Building Code (IBC). Discussion topics shall include, but not be limited to, occupancy classification, allowable area, types of construction, fire resistive construction, fire protection requirements, building systems and exiting. Prerequisites: BIT 1050 and 1150	4	
BIT	1300	Plan Review Non-Structural	This course is designed to give the experienced construction inspector an understanding of the more detailed requirements of the International Building Code. Topics covered will include standards referenced in the International Building Code, which are considered an extension of the code. Emphasis will be on commercial, industrial, and multi-story buildings. For BIT students it is recommended that BIT 1100 be completed before taking this course.	2	
BIT	1305	Advanced Plan Review: Non-Structural	This course emphasizes techniques for plan review on commercial, industrial and multi-family structures in accordance with the Minnesota State Building Code. Discussion topics shall include, but not be limited to, occupancy classification, allowable area, types of construction, fire resistive construction, fire protection requirements, exiting and accessibility. For BIT students it is recommended that BIT 1000 and BIT 1300 be completed before taking this course.	2	
BIT	1310	Plan Review Structural	This course will introduce the techniques of conducting the structural plan review of a building design with special emphasis on wood frame construction, wood beams, joists, rafters, studs, columns and shear-resisting elements. Students will learn how to apply relevant equations to computer load, shear and other relevant structural forces. Ability to deal with equational material is essential, therefore prior math skills are recommended. For BIT students CMSV 2860 or equivalent knowledge is recommended before taking this course.	2	

BIT	1410	Mechanical Inspection	This course acquaints the student with the methods and techniques using the Minnesota Mechanical Code in plan review and field inspection of mechanical systems that including heating, ventilation, air conditioning and refrigeration. The course is intended for anyone looking for a BIT degree/certificate, students pursuing a Construction Management degree, or those entering the mechanical inspection field. Ability to deal with equational material is essential, therefore prior math skills are recommended. For BIT students BIT 1000, Math 0901 and CMSV 2860 or equivalent knowledge are recommended before taking this course.	4	
BIT	1420	Electrical Inspection	This course acquaints the student with a working knowledge of plan review and field inspection relative to the international electrical code and the sate code. Students will have the opportunity to study electrical design and perform electrical computations. Prior math skills are recommended. For BIT students it is recommended that CMSV 2860 or equivalent knowledge be completed before taking this course.	2	
BIT	1600	Energy Conservation in Building Construction	This course presents the principles involved in the design of energy efficient buildings and familiarizes the student with the Minnesota Energy Code and its application to different types of buildings.	2	
BIT	1700	Plumbing Code	The objective of this course is to familiarize the student with the Minnesota Plumbing Code, including code provisions, plan review, and field inspection. This course also provides a comprehensive overview of common plumbing materials and practices. For BIT students it is recommended that BIT 1000 be completed before taking this course.	3	
BIT	1800	Housing Field Inspection Fundamentals	This course provides both new and experienced housing inspectors with historical and current techniques and materials used in the construction of the structural, electrical and mechanical components within existing residential structures. The course focuses on common construction and installation techniques and equipment, while giving special emphasis to the visible indicators of system deterioration and failure and hazardous and/or non-professional installations.	2	
BIT	1805	Advanced Housing Field Inspection	This course provides students with information about housing construction elements that extend beyond basic structural, electrical and mechanical systems. The primary emphasis is to look at non-technical issues, including legal and constitutional requirements for enforcement as well as personal liability concerns. How to become an effective communicator and how to evaluate the supplemental housing elements are important components of the course. In addition, the course considers the leadership and management skills required for directing a comprehensive municipal housing inspection program. For those students interested in starting a home inspection business, the course offers information to understand marketing, liability and insurance issues. For BIT students it is recommended that BIT 1800 be completed before taking this course.	2	

BIT	1810	Multi Housing	This course provides a basic understanding of fire stopping, general fire codes, and state codes which apply to rental and/or multi-housing. Students will learn about plumbing and mechanical elements, management/owners role in property maintenance, and tenant/landlord issues of multi-housing. Right of entry issues and rental licensing programs will be covered. For BIT students it is recommended that BIT 1000 be completed before taking this course.	2	
BIT	1900	Legal and Administrative Aspects of Construction Codes	Provides students with foundational concepts of modern administrative government, legal responsibilities in building inspection, inspector's authority, courtroom procedures, building inspection liability, the application of legal rules pertaining to public negligence, governmental liability and ethics. Current issues in the industry will be discussed and integrated into the course as appropriate. The course will provide students with an understanding of public administration as it relates to a code official. Prerequisites: BIT 1050 and BIT 1150	3	
BIT	2000	Public Administration for the Code Official	The course covers establishment and maintenance of a building inspection department and its relationship with other community departments. Typical problems of functions, duties, intra- and inter-department relations, personnel, budget, legislative, public relations, and records-keeping are discussed.	3	
BIT	2020	Legal Aspects of Building Inspection	The class will consist of an overview of modern administrative government, legal responsibilities in building inspection, inspector's authority, courtroom procedures, building inspection liability, the application of legal rules pertaining to public negligence, governmental liability and ethics. This class is intended for governmental officials, building inspectors, elected officials, contractors and real estate professionals. For BIT students it is recommended that BIT 1000 be completed before taking this course.	2	
BIT	2300	Advanced Plan Review Structural	This course acquaints the inspector with engineering principles and provides some understanding of their application in the design and plan review areas. The course covers design of wood trusses; steel and wood beams; and columns and reinforced concrete systems. Prerequisite: BIT 1310	2	
BIT	2400	Land Use Zoning	This course has been designed to give the student an understanding of land-use and zoning regulations. These regulations include variances, conditional-uses, grading and preliminary plats. Students will learn what a municipal ordinance is and the, state regulations for county and municipal governments to enforce them. Also included are the DNR regulations pertaining to shoreline and flood plane elevations.	2	
BIT	2500	Fire Suppression Systems	This course will provide a review of the National Fire Prevention Guidelines along with a review of fire suppression blueprint. Field inspection and design of fire suppression systems also is covered.	2	
BIT	2600	Building Inspection Internship	Supervised work experience in a municipal building inspection department provides a variety of experiences for people new to the field. Prerequisite: Consent of instructor	2	

BIT	2650	Administering the MN State Building Code	The role of the building official is a complex one. Key aspects of a building official's job involves: having a solid understanding of codes and standards, an understanding of how to properly administer these codes and standards, along with working with various federal, state, and local agencies in order to provide conditions for a safe built environment. This course will bring together the concepts that the student has collected throughout the BIT curriculum, and apply this knowledge in a comprehensive review of the role of the building official. This course will provide essential background and understanding of how to properly administer the Minnesota State Building Code. This course is recommended for current and future building officials, inspectors, and other interested parties. Prerequisite: BIT 1000, 1100, 1300 and 2020	2	
BUS	1100	Introduction to Business	This course is designed to provide a broad overview of the functions of the for-profit and non-profit business entity. Business and its environment, organization and management, ownership, finance, production, marketing, human resources, and control systems are reviewed. The course helps students understand the contribution of business to the American economy using current business publications, media, and web resources to focus on applications of current business technologies. Business ethics and teamwork are also examined. This course will enable the student to more intelligently pursue advanced business courses and to choose a business career.	3	
BUS	1110	Human Relations & Professional Skills	This course focuses on the skills necessary to be successful and effective in the workplace. In addition to effectively contributing to a team while working with a diverse population, topics include: understanding human behavior, personal qualities of success, emotional intelligence, communication, workplace etiquette, conflict resolution, self-esteem, and goal setting.	3	
BUS	1200	Principles of Management	This course is an introduction to the functions of management: planning, organizing, directing, and controlling. The course explores how each of the management functions are implemented to impact organizational efficiency and effectiveness. Local, national, and global environments are presented as strategic factors to be understood by contemporary managers. The importance of managing competitively and intelligently within a diverse environment is stressed. Situational cases are completed to reinforce decision-making in each of the function areas. Bus 1100 is recommended.	3	

BUS	1210	Managerial Communication	This course provides students knowledge to become a successful manager through improving and practicing managerial communication skills, processes and strategies. Students will learn to assess their own communication style, adapt their communication style when needed and overcome barriers and miscommunications. Students will also apply improved verbal, nonverbal, listening, writing, presentation, team, conflict and negotiation skills in organizational situations. Technology, how it impacts the way we work and communicate and management's role will be covered. This course is for current or future managers or any student wishing to increase their business communication effectiveness. Emphasis will be placed on management communication techniques that empower employees to do their best work and succeed in business. Recommended: Completion of ENGL 1201 College Writing I and CIS 1101 Business Computer Systems I prior to this course.	3	
BUS	1220	Effective Supervision	This course focuses on the skills necessary to be successful when supervising and collaborating with others. Students will apply and develop skills in management functions, decision making, time management, communications, conflict resolution, leadership, quality improvement, motivation and personnel development. BUS 1100 or BUS 1110 or business background recommended	3	
BUS	1230	Leadership and Teamwork	This course provides students with an understanding of the nature of leadership and teams. This course is for anyone who is a leader or wants to be a leader and wants to develop teamwork skills. Emphasis will be on a practical skill-building approach to leadership and teamwork so students develop skills that can be applied outside of the classroom. This course will include the nature and importance of leadership, characteristics of leaders, leadership styles, developing teams, managing virtual teams, ethics and social responsibility, communication, conflict resolution, and culturally diverse aspects of leadership.	3	
BUS	1300	Legal Environment of Business	Students will study the basic principles of law and the societal forces which influence the development of these principles. Topics include legal procedure, court structure, ethics, international law, constitutional law, administrative law, contracts, sales, torts, business entities, business regulation, and consumer protection. The focus of the course is on business entities, their employees and customers.	3	
BUS	1310	Business Law	This course is an introduction to the legal framework within which business is transacted, not only by business and professional people but also by consumers. Topics include origin of law, ethics, international law, contracts, sales, bailments, negotiable instruments, secured transactions, bankruptcy, real and personal property, agency and business entities.	3	
BUS	1400	Business Mathematics	This course provides the students with essential mathematical concepts and practical business applications of pricing, discounts, commission, simple and compound interest, installment buying, consumer credit, depreciation, taxes, simple business statistics, and other business finance situations. Problem-solving skills are developed. Computational math skills are needed.	3	

BUS	1410	Introduction to Business Finance	This course is an introduction to the world of finance. Concepts covered include financial management, financial implications of different forms of business organization, understanding and analyzing financial statements and various ratios. Additional topics studied include security markets, interest rates, taxes, risk analysis, time value of money, and the basics of bonds and stocks valuation. Maximizing company value through capital budgeting and selection of appropriate capital structure also are considered. The subject of risk and return, how funds are acquired in the financial markets and how different investment criteria are used to evaluate potential investment opportunities are also examined. Recommended: An accounting course or relevant background.	3	
BUS	1420	Principles of Credit	This course includes a study of consumer and commercial credit. Topics include cash, trade, and retail credit; credit regulations; credit standards and decision making; credit organizations; collection policies and practices; and credit as a sales tool.	2	
BUS	1430	Financial Statement Analysis	This course provides students with an understanding of financial statements for decision-making about cash flow, capital project investments, and management of a business organization. The course provides a conceptual understanding of financial data reported in various financial statements and of ratio analysis that can be used as analytical tools to interpret and obtain an understanding of the business and financial health of corporations. In addition, students will carry out a comparison of two corporations involved in similar businesses. Recommended: An accounting course or some knowledge of accounting.	2	
BUS	1440	Personal Financial Planning	This course is designed for personal financial planning. The topics in the course include goal setting, financial aspects of career planning, budgeting, credit cards, debt and money management strategies, types of savings, retirement plans, investments and tax strategies, insurance, factors that affect the home and car buying versus leasing, fundamentals of investments and various investment options. In addition, basics of estate planning for a lifetime of creating wealth will also be covered. BUS 1400 recommended.	3	
BUS	1450	Investments	This course is a practical introduction to investments for the individual investor. The course focuses on stocks, bonds, mutual funds, REITs, annuities and other investment alternatives. Emphasis is placed on how to determine the value of stocks and bonds. The course will impart knowledge of practical value to anyone interested in becoming actively involved in managing personal investments. The main goals of the course are to provide understanding of the essential features of various investment instruments, their risk-reward relationships, for whom and under what circumstances the instrument is appropriate and how the market operates for buying and selling the various investment instruments.	3	

BUS	1510	Operations Management	This course is designed to provide the student with an understanding of the foundations of the operations function in both manufacturing and services. The course will analyze operations from both the strategic and operational perspectives and highlight the competitive advantages that operations can provide for the organization. The emphasis is on decision making (to include business ethics) in areas such as: facility requirements and utilization, control and coordination of resource inputs and outputs, types of transformation/conversion processes, and performance measurements. Diverse activities, such as determining the size and type of production process, purchasing the appropriate raw materials, planning and scheduling the flow of materials and the nature and content of inventories, assuring product quality, and deciding on the production hardware and how it gets used will be the primary content areas of this class. NOTE: Students are strongly encouraged to first take Introduction to Management BUS 1200.	3	
BUS	1600	Principles of Marketing	This course surveys American and international marketing systems in the development, pricing, distribution, and promotion of products and services. Concepts, practices, and policies of manufacturers, wholesalers, and retailers are included. Current trends and developments in marketing practices are analyzed and strategic marketing ideas are implemented in group and individual cases.	3	
BUS	1610	Consumer Behavior	This course is an in-depth study of how and why people buy and gain an understanding of the factors influencing a purchase decision and how marketing research can enhance decision-making in this area. Topics include social structures and their effect on consumer purchase behavior, individual adoption and resistance behavior, and marketing efforts based on consumer research. Marketing research procedures, methods, and information sources are identified and evaluated. The ability to perform basic marketing research is emphasized. NOTE: Bus 1600 recommended	4	
BUS	1620	Advertising and Sales Promotion	This course is a study of the principles and practices of promotion for the business organization. Students will study the components and the interrelationships of the promotional mix: advertising, sales promotion, personal selling, direct marketing, and public relations. Topics include: an integrated marketing communications strategy, creative techniques of advertising, media strategies, and the evaluation of promotional plans. NOTE: Bus 1600 recommended	3	
BUS	1630	Professional Sales and Management	This course provides an introduction to the principles and practices of professional selling and sales management. Topics will include the steps of the sale; customer service; principles, issues and problems associated with managing a sales force; and ethics in selling. Problem solving techniques, monitoring of sales performance and sales simulations are examined. Bus 1600 recommended	4	

BUS	1640	Retail Management	This course focuses on the exciting and dynamic nature of the retail industry. Topics include: the changing customer demographics, needs, and shopping behaviors; the development of retail formats, strategies and location opportunities to satisfy these needs; and the emergence of new technologies that dramatically affect retail operations. Students are provided an intensive study of the retail buying, merchandising, and management functions of a retail store. Bus 1600 recommended.	4	
BUS	1700	Introduction to International Business	This course is an overview of the international nature of business. The topics include concepts, models and theory of international trade and strategy; review of the economics and politics of international trade and investment; the functions and form of the global monetary systems; strategies and structure of international business, culture and how and why the world's countries differ. Globalization of the world economy and trade and the factors affecting globalization will be thoroughly discussed in this course. The student will develop a global perspective of business and be exposed to interdependency of world trade and the integration of the world economic system.	3	
BUS	1810	Entrepreneurship	In this course you will learn the process of launching a new business venture from an original or innovative idea. The focus will be on the stages of development of the new venture including research, planning, feasibility analysis, capitalization and management. Students will learn how to use resources to start and operate a small business. BUS 1200: Principles of Management, BUS 1600: Principles of Marketing and ACCT 2111: Financial Accounting are recommended to be taken before taking Entrepreneurship.	4	
BUS	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
BUS	2000	Creative Field Project	Students will do independent research on a project of their choice under the guidance of an instructor. This is a capstone course for students in a Business program.	2	
BUS	2010	Internship Business	This is a capstone course for students in a business program including: Accounting, Business Computer Systems and Management, Marketing, Management or Retailing. It includes practical, on-the-job training in a business or organizational environment under executive supervision and related learning activities. Internships are arranged on the basis of the student's interests and career goals. Please contact the instructor for permission to register for this class.	3	

BUS	2310	Introduction to E-Commerce	This course introduces students to the key strategic business and technological elements of electronic commerce. Students will explore both the theory and practice of conducting business over the internet and the World Wide Web. This course is for students who want to put their business on the internet, work at companies that want to do business over the internet or want to know more about business and the internet. Students will focus on applying key concepts through hands-on e-commerce planning and web site development. Topics covered include identifying e-commerce opportunities, marketing and selling on the internet, building a web presence, designing a web site, improving efficiency and reducing costs through business-to-business activities, using social networking to connect with customers and suppliers, exploring mobile commerce opportunities, analyzing electronic commerce software, hardware and commerce service providers, investigating electronic payment systems, examining electronic commerce security, scrutinizing international, legal, ethical and tax issues and planning. Also includes identifying current issues in e-commerce. Experience with programming languages or creating web sites is not required. NOTE: Computer and internet knowledge recommended.	3	
CHEM	1000	Chemistry and Society	This is a basic introduction to chemistry in the everyday world, with emphasis on the role that chemistry plays in personal and professional lives. It is intended for anyone seeking to become a better informed citizen of our technological society. Basic chemical principles will be introduced and their impact on society will be discussed. The course enables students to use concepts of chemistry to think critically about current issues in science and technology. No background in Chemistry or other Natural Sciences is presumed; a strong background in math is not required. Heavy use of the internet for research and communication will be an important component of this course. This course is recommended for non-science majors looking to fulfill the science course with lab component. (3 hours lecture / 3 hours lab)	4	03, 10
CHEM	1010	Introduction to Chemistry	An introduction to the basic concepts of Chemistry along with mathematical application, which include the atomic theory, periodic trends, stoichiometric relationships, kinetic-molecular theory, molecular structure, heat transfer, and chemical properties as related to the gas and liquid and solid phases. The lab portion with experiments includes observation, data collection, and mathematical applications that support the concepts being studied in class. The course is designed for non-science majors or students who have not completed chemistry in high school in order to prepare them to take Chem 1061. (3 hours lecture, 3 hours lab) Prerequisite: Placement in this class will be determined by student's college assessment score and/or successful completion of Math 0901 with a grade of "C" or better.	4	03

CHEM	1030	Introduction to Physical Sciences	In this course, students will explore the basics of chemistry and physics by examining such concepts as understanding and measuring matter; atoms, elements, compounds and mixtures; physical and chemical properties of matter; states of matter; chemistry fundamentals, the periodic table; bonding and types of compounds; mixtures and solutions; chemical reactions; properties and sources of energy; heat; electricity, circuits, and power; properties of sound & light; the behavior of sound & light; forces and motion; work and simple machines. This course is intended for students who wish to complete a science course with a lab. It is not a prerequisite for any science or health programs. This course may not be used as a substitute for a chemistry course or a physics course. Math 0901 (Intro to Algebra) or basic math skills are highly recommended.	4	03
CHEM	1061	Principles of Chemistry I	This course is a study of the basic concepts of Chemistry, with an emphasis on atomic theory, stoichiometric relationships, kinetic-molecular theory, molecular structure, and chemical bonding as related to the gas and liquid and solid phases. The lab portion with experiments includes observation, data collection, and mathematical applications that support the concepts being studied in class. One year of high school chemistry is required for this course. (3 hours lecture, 3 hours lab) Placement in this class will be determined by student college assessment score and/or successful completion of Math 1150 with a grade of C or better.	4	03
CHEM	1062	Principles of Chemistry II	A continuation of CHEM 1061, this course emphasizes chemical equilibrium, solution chemistry, acid-base chemistry, precipitation reactions, complex ion formation, oxidation-reduction, and electrochemical reactions. The laboratory portion includes experimental applications of the lecture topics: determination of cation and anion (qualitative) content of unknown mixture, kinetics, acid-base equilibria, solubility, thermodynamics, and electrochemistry. (3 hours lecture, 3 hours lab) Prerequisite: Chem 1061	4	03
CHEM	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
CHEM	2061	Organic Chemistry I	This course is a study of the covalent molecules associated with carbon, emphasizing the mechanism of the reactions and the stereochemistry of aliphatic, alicyclic, and olefinic molecules. Functional groups that will be studied include the saturated and unsaturated hydrocarbons, alcohols, ethers and halides. The laboratory portion of the course includes a thorough study of the basic techniques for the isolation and purification of molecules isolated from natural products and from reaction mixtures. (4 hours lecture, 4 hours lab) Prerequisite: Chem 1062	5	

CHEM	2062	Organic Chemistry II	This course is a study of the mechanism of reactions of, and the structure of, all of the carbonyl compounds and their derivatives, and of the carbohydrates, amino acids, proteins, heterocyclics, other natural products sequence reactions, unknown identification and original literature preparations. Spectroscopic analysis will be utilized throughout these experiments. (4 hours lecture, 4 hours lab) Prerequisite: Chem 2061	5	
CHEM	2073	Introduction to Instrumental Methods and Analysis	This course is intended to primarily provide students with an added advantage for employment while pursing an education toward a career. The students would be taught the proper methods for solution and sample preparation, along with becoming familiar with state of the art instrumentation. They also would be exposed to safety and manufacturing practices that are important in chemical industry. This course aims at making a student versatile with laboratory techniques and would provide a student with an edge over other candidates in the job market for lab assistants' positions. (2 hours lecture, 6 hours lab) Prerequisite: Chem 1061, 1062, and 2061	4	
CIS	1000	Electronic Keyboarding Communications	This is an introductory course to develop mastery of the computer keyboard. Students will learn to type the alphabet, number, and symbol key by touch. Emphasis is on the mastery and the development of speed and accuracy sufficient to make the computer a communication tool. Simple tables, memos, business letters, and reports are covered. Most current version of Word will be used.	3	
CIS	1101	Business Computer Systems I	This course develops computer and digital literacy and emphasizes its importance in today's businesses and society. Through hands-on experience students will gain an understanding of computer concepts, capabilities and applications and be able to implement this knowledge in their professional and personal lives. Computer applications covered include word processing, spreadsheets, presentation graphics, databases, windows/operating system, e-mail use and management, folder and file organization and use of the Internet. Computer concepts covered include understanding computers and mobile devices, how a computer works, managing files, computer and mobile device hardware components, digital safety and security, application programs, input and output devices, digital storage options, ethical practices and Internet basics. Hands-on experience will be provided on computers in the Windows environment using the Microsoft Office Suite including Word, Excel, Access, and PowerPoint. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3	

CIS	1102	Business Computer Systems II	Emphasis is on an in-depth understanding of the Microsoft Office Suite beyond the fundamentals of CIS 1101. Students will develop their skills with exercise-oriented learning by completing advanced training working with spreadsheets, word processing, presentation graphics, and relational databases. Students will complete an integrated application project incorporating several software applications into one final document. Computer concepts covered include communication networks, operating systems, the internet, database management, data security, computer careers, and background to become a productive, knowledgeable computer consumer and professional. Hands-on experience suitable for professional purposes or personal use will be provided on computers in the Windows environment using the advanced features of the Microsoft Office Suite including Word, Excel, Access, and PowerPoint. If you believe you have computer experience that is equivalent to the prerequisites of this course, CIS 1101, please contact the instructor for permission to register for this class. Check with your instructor for the software edition that will be used.	3	
CIS	1200	Word Processing	This course introduces students to the word processing cycle and how word processing is used in the work place. This course is for anyone who needs to prepare their own business documents. Students will use the Microsoft Office Word application to create and edit business documents, enhance page layout, create tables, create reports, create columns, and create form letters and merge with a mailing list. Other topics covered include: styles, templates, mailing labels, drawing objects, graphics, and WordArt. After this course, the student would be prepared to take the Microsoft Office Certified Application Specialist Exam for Word. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3	
CIS	1210	Desktop Publishing	This course introduces students to digital page layout using Adobe InDesign, the new emerging standard in page layout software. This course is for anyone who has to prepare professional business publications. Students will learn how to set type and use digital images to produce effective printed business publications including newsletter, advertising flyers, business forms, brochures, manuals, posters, and catalogues . Students will learn how to create and modify pdf files for electronic distribution of publications. Knowledge of the keyboard and Word Processing software is recommended for this course. Software used: Current version of Adobe InDesign	3	

CIS	1220	Decision Making Excel	This course uses Microsoft Excel as a problem solving tool in analyzing and designing solutions for common business and organizational problems and then using that information to guide decision-making. This course is for anyone who has to analyze, share, chart and manage information to make more informed decisions. Problems are taken from management, accounting and finance, manufacturing and production, sales and marketing and human resources. Beginning to advanced spreadsheet concepts covered include creating, editing, formatting, printing and saving worksheets, creating charts, filtering lists, creating pivot tables, inventing macros, importing data, creating data tables, evaluating and using functions, constructing formulas, integrating worksheet data with other programs and ethical Excel practices. After this course, the student would be prepared to take the Microsoft Office Specialist (MOS): Excel Exam. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3	
CIS	1230	Business Presentations: PowerPoint	This course introduces students to business presentation concepts and applications using the most current PowerPoint software. This course is for anyone who has to or wants to prepare engaging and effective business presentations. Students will plan, organize, prepare and produce professional quality presentations to meet organizational and business needs. Features studied include customizing a presentation, design templates, slide layouts, custom slide animation and transitions, using multimedia, charts and diagrams, integration, and tools for producing multiple outputs including publishing to the web. This course will provide a thorough understanding of PowerPoint's most important tools and features. After this course, the student would be prepared to take the Microsoft Office Specialist Exam for PowerPoint. NOTE: Knowledge of the keyboard is recommended for this course.	3	
CIS	1240	Information Management: Access	In this course students will learn how to plan, design, create, query, create forms and reports, export to and import data from and maintain a database. This course is for anyone who has to make more informed decisions by effectively tracking, reporting, and sharing information. Applications will be taken from a variety of business and organizational scenarios. Students will integrate databases with Excel and Word. Students will learn how databases interact with other applications (including the Internet) and can become the foundation for an e-commerce web site. Students will develop an understanding of how an effective database supports the business decision-making process. After taking this course, the student would be prepared to take the Microsoft Office Specialist Exam for Access. Completion of CIS 1101 or prior database experience is recommended for this course.	3	

| CIS | 1250 | Photoshop Essentials for Business | This is an introductory course in business computer graphics. This course is for anyone who has to prepare digital images for business publications for print or for the Web. Students will learn how to use Photoshop's tools to create and enhance digital images. Students will create images from composites as well as separate document objects into layers. Course content will include techniques to retouch photos, i.e. removal of red eye, softening blemishes and imperfections, and elimination of unwanted items from digital photographs. Students will learn how to prepare and save images in different formats for different purposes, such as for use on the Web, in print and in other computer programs.

Recommended: Knowledge of the keyboard | 3 | |
|------|------|------|------|------|------|
| CIS | 1260 | Business Communications and Technology | This course provides students the knowledge to become successful communicators in a business environment through improving and practicing written, oral, face to face, and virtual technology based communication skills, processes, and strategies. This class will incorporate the effective use of Web-based communication, video conferencing, e-mail etiquette, presentation skills, presentation technologies, teleconferencing, and telephone usage. Students will also apply improved verbal, nonverbal, listening, writing, team, conflict, and negotiation skills in organizational situations. This course is for any student wishing to increase their business communication effectiveness in a global and technological business environment.

Recommended: Completion of ENGL 1201 College Writing I and CIS 1101 Business Computer Systems I. | 3 | |
| CIS | 1300 | Introduction to Internet | This course develops a basic understanding of the Internet and the World Wide Web using a popular browser such as Internet Explorer. Students will search the web; download, save and print web pages; learn and use search tools to find information quickly; create a favorite or bookmark and organize their favorite web sites; learn about communication on the Internet using email, accessing newsgroups and chat rooms; learn how to email attachments and download files from their email; and discuss personal security on the Internet. Hands-on exercises will give students the opportunity to apply these concepts. This course will give students an introduction to the capabilities of the Internet.

Knowledge of the keyboard is recommended for this course. | 1 | |

CIS	1310	The Whole Internet	This course provides a comprehensive understanding of the Internet. This course is for anyone who wants to use the internet effectively, efficiently and safely, understand the uses of the Internet, create web pages and also increase their confidence and knowledge. Students will learn about the basic technology that supports the internet, effectively use e-mail and other types of communication, explore virtual communities and web tools, use search engines and directories to find information on the internet, evaluate the quality of web resources, locate software, explore e-commerce concepts, learn how to use the internet safely, manage common security threats and create web pages. Students will use e-mail, a class web site, and other web based tools to develop proficiency. The course explores current internet innovations. Previous exposure to the internet is not required.	3	
CIS	1320	Web Tools	This class focuses on exploring, evaluating and learning how to use the latest tools and applications on the Internet. You will explore your interests and build a portfolio to demonstrate what you can do using innovative web based tools. Some of the tools and applications may include: Marketing and Business, Professional Networking, Virtual Environments, Bookmarking, Social Networks, Multimedia, Photos and Digital Images, Employment and Jobs, Collaboration, Video-Sharing Sites, Podcasts, Wikis, Blogs, Content Aggregation and Management, Organization, Games and Entertainment and more. This course is for anyone who wants to increase their internet skills and knowledge and understand current web tools. Some knowledge of the internet is required such as ability to use email and search engines. If you need more internet knowledge before taking this class, CIS 1310 The Whole Internet is recommended. The course may be modified as class needs dictate and to incorporate current events.	2	
CIS	1400	Windows/Operating Systems	This course introduces students to operating systems through hands on experience and covers the basic to advanced features of Windows. Topics will include safeguarding your personal computer, customizing your desktop, using online help, organizing and managing files, creating and customizing your shortcuts, implementing a backup strategy, optimizing disks, troubleshooting computer problems, evaluating system performance, installing and troubleshooting software and hardware, updating the Windows registry. Discussions will also cover other operating systems. Knowledge of the keyboard is recommended for this course.	3	
CIS	1500	Developing Computer Keyboarding Skills	This course will focus on developing mastery of the electronic keyboard and the microcomputer. Specifically, as a result of this course, you will use proper keyboarding techniques to attain the speed and accuracy necessary to use the computer as an effective communication tool.	1	

CIS	1510	Introduction to Computers and Basic Word Processing	This course introduces students to the personal computer and the Microsoft Office Word application. Students will develop an understanding of how a computer works and the basic hardware and software needed for computer processing. Microsoft Office Word will be used to develop basic word processing skills. Students will create, format, print and save documents and learn how to find files already saved. Hands on exercises will give the opportunity to apply concepts. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	1	
CIS	1520	Spreadsheets	This course introduces students to the problem solving capabilities of Microsoft Office Excel spreadsheet software. Students will plan and format spreadsheets and analyze data. Topics covered include worksheet formatting; charting data; and using formulas and functions to perform calculations and analyze data. Hand on exercise will give the opportunity to apply these concepts. Knowledge of the keyboard is recommended for this course. Microsoft Office Excel will be used. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	1	
CIS	1530	Business Graphics	This course is designed to introduce students to delivering a presentation using computer presentation graphics. This course will give students an introduction to the capabilities of Microsoft Office PowerPoint. Students will learn how to plan and organize an effective presentation. Hands-on exercises will give the opportunity to apply these concepts utilizing Microsoft PowerPoint. Knowledge of the keyboard is recommended for this course.	1	
CIS	1700	Project Management Software Tools	This course provides students with an understanding of the technology, concepts and process that supports project management. This course is for anyone who wants to develop project management software application skills in order to be more effective and efficient. Emphasis will be on a practical skill-building approach to project management software, concepts and process so students will apply knowledge to new problems, think critically and creatively, work collaboratively in teams and develop skills that can be applied outside the classroom. This course will include using project management software to bring about the successful completion of specific project goals and objectives.	3	
CIS	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

CIS	2010	CIS Internship	This is a capstone course for students in a Business Computer Systems & Management or Individualized Studies programs. It includes practical, on-the-job training in a business or organizational environment under executive supervision and related learning activities. Internships are arranged on the basis of the student's interests and career goals. Recommend student contact instructor before registering. Recommend: A minimum of 9 credits in CIS, ACCT, or BUS. Recommend: Minimum of 9 credits from CIS, Acct or BUS	3	
CIS	2310	Introduction to E-Commerce	This course introduces students to the key strategic business and technological elements of electronic commerce. Students will explore the theory, practice and technology of conducting business over the internet and the World Wide Web. This course is for students who want to put their business on the internet, work at companies that want to do business over the internet, want to know more about business and the internet or want to know more about emerging e-commerce technology. Students will focus on applying key concepts through hands-on real world e-commerce planning and web site development. Topics covered include identifying e-commerce opportunities, marketing and selling on the internet, building a web presence, designing a web site, improving efficiency and reducing costs through business-to-business activities, using social networking to connect with customers and suppliers, exploring mobile commerce opportunities, analyzing electronic commerce software, hardware and commerce service providers, investigating electronic payment systems, examining electronic commerce security, thinking globally, scrutinizing legal, ethical and tax issues and planning. Also includes identifying current issues in e-commerce and emerging technology. Experience with programming languages or creating web sites is not required. NOTE: Computer and internet knowledge recommended	3	
CMSV	1000	Construction Professionalism Seminar	This course is designed to be an introduction to careers in the construction industry. It will be an exploration of the breadth and depth of construction opportunities and the diversity of the occupational career pathways open to students. The differences between residential, commercial, civil, industrial, and specialty construction will be explored as well as exposure to the different occupation opportunities as a tradesperson, project manager, staff management specialist, design professional and business owner. Industry standards and expectations will be part of the course, and at its completion students will have had the opportunity to complete course work to receive an OSHA 10 hour training certification.	4	
CMSV	1200	Construction Graphics	Study of graphic solutions to problems conditioned by traditional and emerging construction document standards. Students will produce construction graphics using computer-assisted processes. The principles of construction graphics are applied to the visualization, communication, and graphical analysis of problems.	3	

CMSV	1300	Legal Aspects of Construction	Students will study the basic principles of law and its impacts on the business of construction contracting. Topics will include contracts, property law, mechanics liens, drafting a bid, ethics, employment issues, wage laws and hiring practices in both a union and a non-union work setting. The focus of the course is on construction contracting businesses, their employees and customers.	3	
CMSV	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
CMSV	2100	Soils and Concrete Technology	This course familiarizes students with the history and fundamentals of concrete, admixtures, soils and aggregates. The student will understand the interactions of concrete, weather, and soil conditions; the proper placement of concrete; bearing capacity of soils; and the basic principles of concrete and soil inspection.	3	
CMSV	2200	Construction Quality Assurance and Quality Control	Students will be introduced to QA/QC and the concept of Construction Quality Management in the residential, commercial and civil construction industries. It will emphasize QA/QC in civil construction and focus on the types of materials, construction methods and quality control necessary for building road, bridges, underground utilities and other types of civil construction projects. Students will have the option to obtain a Minnesota Department of Transportation Concrete Field 1 certification as part of this course. Prerequisite: CMSV 2100 Concrete and Soil Technology	4	
CMSV	2860	Building Construction Plan Reading	The basic course in reading of construction working drawings emphasizes symbols used in the production of architectural, structural, mechanical, and electrical drawings. Course includes interpretation of drawing details, sections, elevations, floor plans, etc. This course should be of value to students interested in drafting, estimating, and construction.	2	
CMSV	2870	Construction Management	Students in this course examine estimating, purchasing, bidding, scheduling, coordinating, expediting, and supervising work and dealing with public agencies, the design professions, suppliers, and subcontractors as these activities relate to the operation of a building contracting company.	3	
CMSV	2875	Mechanical and Electrical Systems	This course will prepare students to identify, analyze, and evaluate all aspects of building mechanical, electrical, and plumbing systems. The students will explore a variety of systems found typical in both residential and commercial buildings and will have the opportunity to gain detailed knowledge on how systems are designed, constructed, and perform. This course is designed for construction managers, project superintendants, code officials, and other construction related industry professionals.	4	
CMSV	2880	Construction Estimating	This course explores the basic techniques and guidelines of estimating. The student will develop skills to prepare cost estimates considering the important aspects of material takeoffs, labor, equipment, and time. Practical, step-by-step cost estimating procedures will be applied to an actual building project.	4	

CMSV	2885	Construction Estimating	This course explores the basic techniques and guidelines of estimating. The student will develop skills to prepare cost estimates considering the important aspects of material takeoffs, labor, equipment, and time. Practical, step-by-step cost estimating procedures will be applied to an actual building project.	4	
CMSV	2890	Building Organization and Technology	This course is an introduction to the varied technology that comprise buildings and an exploration into the sequential process of building construction. Theories of building types, functional organizations, and material applications are presented. This course also includes the identification of historic basis for, and comparison between, basic building materials and construction methods. The importance of building assembly sequences also is presented.	3	
CMSV	2895	Construction Management Internship	Provides the student an opportunity to observe and participate in all aspects of construction management that are typically encountered in the construction workplace.	3	
CMSV	2900	Construction Scheduling	This course explores the basic techniques and guidelines of the critical path method (CPM), and the precedence diagramming method (PDM) scheduling. The student will develop skills to prepare construction schedules by considering the important aspects labor, equipment, and time cost scheduling. Practical step-by-step scheduling techniques will be applied to an actual construction project.	3	
COMM	1010	Fundamentals of Public Speaking	This course provides instruction and practical experience in the basics of public speaking. This course has a performance component: students are expected to create and deliver informative, persuasive and other types of speeches.	3	01
COMM	1110	Principles of Interpersonal Communication	This introductory course looks at communication in one-to-one relationships in friendships, families, the workplace, and elsewhere. Students will be challenged to discover and assess their own communication strengths and weaknesses as they define and discuss what it means to be a competent interpersonal communicator. Course content includes both theory and practice (skill development).	3	01, 07
COMM	1210	Small Group Communication	This course examines communication in small groups. Students will participate in and analyze how small groups function, how leadership roles evolve, how decisions are made and how conflicts can be resolved. Students will work in small groups, complete group projects, and analyze group interaction.	3	01
COMM	1310	Intercultural Communication	The influence of culture is an especially important and sensitive issue facing us today. A person's culture strongly influences his/her identity, beliefs, expectations, and communication style. This course explores communication across culture as defined by nationality, gender, and ethnicity while concentrating on effective use of communication in all of these areas.	3	07, 08
COMM	1410	Human Communication Theory	This introductory course examines a selection of theories of human communication. The emphasis of the course will be to provide students with the ability to understand theorizing in general and then to apply this understanding to particular theories. Students will be challenged to explore different types, contexts, and aspects of human communication as they relate to their own lives. Course content will include theory relating to the communicator, the message, the relationships, the media and the culture.	3	01

COMM	1510	Nonverbal Communication	Nonverbal Communication is an essential component of all communication. This introductory course is intended to increase communication effectiveness in a variety of contexts, including interpersonal, intercultural, and workplace. Students will understand, assess, and practice their own nonverbal codes and cues as well as study others' nonverbal codes and cues.	3	01, 08
COMM	1610	Introduction to Mass Communication	This introductory course is intended to develop critical and analytical skills for understanding mass media; for recognizing messages, making deliberate choices about them, and evaluating the effects of these messages in both an individual and societal context. Students will examine the history, evolution, and societal impact of a wide variety of media, including print, film, and social media and will develop skills to make informed, ethical evaluations of the mediated messages they receive.	3	01, 09
COMM	1710	Oral Interpretation and Traditions	Oral Interpretation and Traditions is an introductory course in the effective oral presentation of written material. Students will analyze and perform literature from a variety of sources that represent different cultures and ethnicities. Students will also make connections between the cultural implications of oral tradition and performance.	3	01, 08
COMM	1810	Introduction to Health Communication	This introductory course is intended to develop critical and analytical skills for understanding human communication in the health care industry. Students will discuss and apply various communication strategies in a variety of contexts, including patient care, between healthcare professionals, and with a larger public in the form of healthcare advocacy campaigns. The impact of cultural diversity and ethics in decision-making will be examined in the context of healthcare professions.	3	01, 09
COMM	1910	Argumentation and Public Advocacy	This course is intended to develop critical and analytical skills for creating persuasive messages to audiences in formal, oppositional settings. Students will discuss and apply various communication strategies to evaluate the effectiveness of evidence, gain experience in a more formal debate setting, and evaluate and craft arguments ethically and responsibly. These assignments will prepare students for debate in a range of contexts, from interpersonal and small group settings to larger discussions of public and social policy in American culture. Prerequisite: COMM 1010	3	01, 02
COMM	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

CRD	1000	Career Exploration and Planning	This course is designed to empower students with career decision-making skills that can be used their entire lifetime. Students will explore personal interests, values, skills, and personality styles as they apply to a career, changing careers, and academic degrees. A variety of career and personality inventories will be used to engage students in the decision making process. Current issues and trends in the workforce related to hiring and job opportunities will be evaluated. Students will explore the job search process and develop effective techniques in preparing a resume and cover letter. Students will also develop networking skills and interviewing techniques to prepare for the eventual job search and/or transfer to a four year college or university. Note: No credit will be given for this course if student has completed ADEV/BUS 1000.	3	
CRD	1010	Job Searching Strategies	This course is designed to empower students with the skills and resources necessary to find a job. Current issues and trends in the workforce related to hiring and job opportunities will be evaluated. Students will explore the job search process and develop effective techniques in preparing a resume and cover letter. Students will also develop networking skills and interviewing techniques to prepare for the eventual job search. Note: No credit will be given for this course if student has completed ADEV/BUS 1010.	1	
CSCI	1000	Computer Basics	The students will get hands-on experience with an operating environment (the current version of Microsoft Windows) and Windows-based applications which include spreadsheets, word processors and presentation packages. The course enables students to use computers to process information and communicate using e-mail and World Wide Web.	3	
CSCI	1020	Beginning Web Page Programming	Students learn practical techniques and principles of Website authoring; create multimedia-enhanced commercial, entertainment or educational sites; and plan site maintenance, promotion and implementation of user feedback. Prerequisite: Some experience with Microsoft Windows	1	
CSCI	1025	Responsive Web Design	This course will prepare students to design web pages that will respond to the media or device on which they are viewed. This course will focus on HTML5, some JavaScript and CSS media queries. Prerequisites: A grade of C or better in CSci 1020	1	
CSCI	1030	Programming for Internet	This course covers the practical aspects of a programming language used for development of advanced Internet applications which include: on-line animation and interactivity, feedback, and browser control enhancements. The actual language used (JavaScript, Perl, or Java) will be chosen by the instructor. The course also includes a brief introduction to advanced HTML and SCS, uploading the site to a Web server and promoting it. Prerequisite: CSci 1000 or 1010 or 1020 or CIS 1101 or 1102	3	
CSCI	1035	Introduction to Computer Programming with Games	This is an introductory computer programming course. The students will engage in hands-on implementation of games and simulations in a graphics-enhanced development environment. The students will learn how to transform game scenarios into algorithms and programs, create user interfaces, and incorporate multimedia. Basic computer skills are necessary for success in this class.	4	

CSCI	1040	Fundamentals of Structured Query Language (SQL)	The goal of this course is to teach students how to design, build and use databases utilizing Microsoft SQL Server. The students will also learn to enter and retrieve information. They will learn SQL commands and query creation, including complex multi-table joins, and display and analyze query results. Students will design their own databases and deploy them on Microsoft SQL Server. Possessing skills in performing common Windows tasks working with applications, or taking CSci 1000, is highly recommended.	3	
CSCI	1050	Computer Security Basics	This class examines the issues surrounding computer security in today's highly technological world. The course is designed to provide an overview of security problems: technical issues and the principles associated with databases, networks, administrative controls, privacy, operating systems and programming. The knowledge gained from this course will allow programmers, instructional designers, information technology specialists and managers to better understand a variety of issues surrounding secure computing. It is preferred that students have proficient computer skills.	3	
CSCI	1120	Programming in C/C++	This course continues the study of the most popular computer languages. It covers the common procedural core of C and C++ languages: data types, expressions, operators, functions, pointers, and arrays. The course also includes elements of object-oriented programming: classes and objects. Prerequisite: CSci 1130 or CSci 1150	4	
CSCI	1120	Programming in C/C++	This course continues the study of the most popular computer languages. It covers the common procedural core of C and C++ languages: data types, expressions, operators, functions, pointers, and arrays. The course also includes elements of object-oriented programming: classes and objects. Prerequisite: CSci 1130 or CSci 1150 with a grade of "C" or better	4	
CSCI	1130	Introduction to Programming in Java	This course provides an introduction to object-oriented programming using the Java programming language. Topics include data types, operators, operands, expressions, conditional statements, repetition, arrays, methods, parameter passing, and returning values. The course will cover applets, graphics and events handling. Students will be also introduced to classes, objects, and inheritance. Prerequisite: Math 1150 with a grade of "C" or better	4	
CSCI	1150	Programming in C# for .NET	This course provides an introduction to object-oriented programming using the C# programming language. The majority of the course will be on the semantics of the C# language, a major component of Microsoft .NET development environment. Topics include: Visual Studio .NET integrated development environment, selected value and reference types, control structures, operators and expressions, methods, classes, and inheritance. Completion of this class will prepare the student for advanced topics in C#. Prerequisite: Math 1150 with a grade of "C" or better	4	

CSCI	1180	Introduction to Linux Operating System	This course introduces Linux, a popular open-source operating system and a variety of Unix. Topics include installing and using Linux, the architecture of Linux, using the command-line shell, the file system, common utilities (including text editors), and the basics of shell scripting. Hands-on work with Linux is a central part of this class. Some experience in computer programming is recommended.	4
CSCI	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	
CSCI	2001	Structure of Computer Programming I	Students will learn object-oriented programming using Java. In this course, students are exposed to the concepts, fundamental syntax, and the thought processes behind object-oriented programming. The basic principles of software engineering are emphasized. By doing their own Java projects, students will develop problem-solving skills and gain experience in detecting and correcting software errors. Prerequisite: CSci 1120 or CSci 1130 or CSci 1150	4
CSCI	2002	Structure of Computer Programming II	This course continues using abstract data types and the concepts presented in CSci 2001 and introduces stacks, queues, linked lists, and trees. This course also covers advanced programming topics of recursion, sorting methods, and complexity measures. The object-oriented language Java will be used. Prerequisite: CSci 2001	4
CSCI	2010	Discrete Mathematical Structures	This course includes topics of the mathematical methods of computer science: logic, combinatorics, recursion, complexity analysis, graph theory, Boolean algebra, and mathematical induction. Prerequisite: Math 1221	4
CSCI	2011	Programming in Python	The course will introduce the Python Programming language in terms familiar to students experienced with writing simple, yet complete, programs in other languages. Additionally, the course will focus on utilities and features considered strengths in Python. This includes interfaces to specialized libraries and databases. Prerequisites: CSCI 1120 or CSCI 1130 or CSCI 1150 or CSCI 2001 or CSCI 2400	1
CSCI	2020	Machine Architecture and Organization	As an introduction to computer organization and structure, this course includes beginning machine and assembly language programming. Topics to be covered include logic gates and Boolean algebra, basic elements of computing devices, basic components of a computer, data representation and number systems, micro operations, microprogramming, and input-output programming. Prerequisite: CSci 1030 or CSci 1090 or CSci 1120 or CSci 1130 or CSci 1150 or CSci 1190	4
CSCI	2030	Database Modeling and Design	This course covers relational databases from conceptual design to implementation. The course will include logical and physical design, normalization, as well as the definition of tables and indexes. The use of Structured Query Language (SQL) for data retrieval and manipulation will be emphasized. Prerequisite: CSci 1040 and CSci 1120 or CSci 1130 or CSci 1150	4

CSCI	2050	Internship Computer Science	The main objective of this course is to provide practical training and real work experience for the students. Often, it will include productive work contribution, and prospective employee evaluation for the employer. It can lead to increased college-industry interaction for the department and the college. Completion of this class will better prepare the student for multiple activities in a workplace. It should reflect positively on the students resume (employers view internship experiences positively.) Internship is an excellent opportunity for a student to affirm career interests. These opportunities can also provide the credentials needed for full-time positions. Internships and co-ops provide opportunities to network with professionals; strengthen confidence, maturity, and professionalism; establish professional references. Prerequisite: Enrollment in the computer science program, completion or concurrent enrollment in CSci 2002, a "B" average in all CSci courses	3	
CSCI	2060	Web Programming in ASP.NET	ASP.NET is a technology for creating web-based programs and services. This course introduces ASP.NET on the foundation of the prerequisite courses that taught the fundamentals of .NET framework, C# programming language, SQL Server database, and the primary development environment Microsoft Visual Studio. The main goal of this course is to teach the basics of creating and deploying Web applications utilizing ASP.NET technology. Besides using the C# programming language, the students will learn the commonly used ASP.NET controls included in Microsoft Visual Studio. The course includes the techniques of reading the data from a SQL Server database into a Web application and displaying it on a web page, as well as modifying and amending the database content. Prerequisites: CSci 1150 and CSci 1040	4	
CSCI	2100	Introduction to Android Application Development	This course provides an introduction to developing Android applications, covering the core concepts, tools and techniques for designing, developing and releasing Android applications. By the end of the course, students will build an Android application and release it to the Google Play Store. Prerequisite: CSci 2001	4	
CSCI	2400	Objective-C for Mobile Programming	The course teaches Objective-C programming utilizing Xcode tools package. The course explores fundamental OOP concepts. Other topics include pointers, memory management and Automatic Reference Counting. The basic Foundation Framework classes will also be introduced. After completing this course, the students will be able to write Objective-C programs suitable for mobile applications running on iPhones and iPads. Prerequisite: CSci 1120 or 1150 or 2001 with grade A	4	

CSCI	2500	Introduction to Mobile Programming in iOS	The course teaches students how to write mobile applications for iOS-based devices, building on Objective-C fundamentals. The course will lead the students through the essential concepts, tools, and techniques for developing iOS applications. After completing this course, the students will have the knowledge and skills needed to create applications for iPhones and iPads. Prerequisite: CSci 2400 with minimum grade B.	4	
ECON	1050	Economics of Crime	This course covers economics theories of crime and justice. Crime topics include: illegal drug markets, violent crime, nonviolent crime, and international crime. Economic theories and concepts such as rationality, efficiency, supply, and demand are used. The course includes international and historical comparisons of enforcement techniques from both an economic efficiency framework and an ethical perspective.	3	05, 09
ECON	1060	Principles of Economics Macro	This course covers mainstream theories, the economy's recent performance, national income and output levels, money and the banking system, inflation and unemployment, fiscal and monetary policies, economic growth, and international trade.	3	05, 08
ECON	1070	Principles of Economics Micro	This course covers theories of consumer and producer behavior as well as market structure, the role of government in the economy, distribution of income, externalities, and taxes.	3	05
ECON	1990	Topics	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
EDUC	1210	Introduction to Education	This course will familiarize students will the historical, philosophical, and social foundations of education. The course will be of particular interest to those students who are exploring teaching as a career or to those who currently work in classroom settings. The class is designed to provide glimpses into a variety of aspects of teaching, to promote discussion, and to encourage self-exploration. The major course topics will guide students in exploring the influences of history and society on teaching, learning, and schooling and how these influences impact what is done in classrooms today. As part of the course requirement, this course requires at least 10 hours of experience (e.g., service learning hours, volunteer hours, etc.) in the K-12 setting outside of class meeting time.	3	
EDUC	1280	Diversity in Education	This course is designed to help current and future educators acquire the knowledge and skills needed to become effective practitioners in culturally, racially, and linguistically diverse classrooms and schools. Students will examine current and emerging research, concepts, and debates about the education of students from both genders and from different cultural, racial, ethnic, and language groups. As part of the course requirement, this course requires at least 10 hours of experience (e.g., service learning hours, volunteer hours, etc.) in the K-12 setting outside of class meeting time.	3	

EDUC	1350	Language and Learning	This course focuses on the literacy needs and development of today's children. The course provides background on how literacy develops and places emphasis on the stages of literacy development. It presents both the theories and strategies that are needed in order to fully understand emerging readers and writers and how learners can be empowered in today's classrooms to function competently as literate adults in the twenty-first century. As part of the course requirement, this course requires at least 10 hours of experience (e.g., service learning hours, volunteer hours, etc.) in the K-12 setting outside of class meeting time.	3	
ENGL	0900	Preparation for College Writing I	This composition course introduces the process and strategies of writing clear, focused paragraphs. Students learn and practice the basic skills of standard American written English, including grammar, punctuation, and sentence structure. Prerequisite: College required assessment for placement	3	
ENGL	0950	Preparation for College Writing II	This composition course is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure)than English 1201 provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited, 2-3 page essay. Prerequisite: College required assessment for placement	4	
ENGL	0990	Gateway Composition	This composition course is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure) than English 1201 alone provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited college-level essay. Prerequisite: College required assessment for placement OR prior successful completion of English 0900	2	
ENGL	1140	Professional Writing	This course offers students the opportunity to improve their writing skills and adapt them for professional communication. Students will focus on assessing purpose, audience, credibility, style, clarity/correctness, and format to determine appropriate approaches to a range of written and electronic communication, including memos, letters, employment documents, and proposals/reports.	3	
ENGL	1150	Introduction to Literature	This course is designed to introduce students to a variety of literatures and to means to credibly examine that literature. It thus includes literary terms, critical approaches and their application to literature.	3	06

ENGL	1200	Gateway College Writing	This composition course is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure) than English 1201 alone provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited college-level essay. Additionally, the class provides extended practice in critical reading, writing, and thinking skills. Students will develop an effective writing process and work to achieve college-level competence in reading and responding to texts, visuals, events, and ideas in a variety of written formats, with an emphasis on the academic essay. Audience awareness, interpretation and analysis, logical reasoning, and persuasive and argumentative skills will be developed. MLA style documentation of primary sources will be included. Prerequisites: College required assessment for placement OR prior successful completion of English 0900	4	01
ENGL	1201	College Writing I	This class provides extended practice in critical reading, writing, and thinking skills. Students will develop an effective writing process and work to achieve college-level competence in reading and responding to texts, visuals, events, and ideas in a variety of written formats, with an emphasis on the academic essay. Audience awareness, interpretation and analysis, logical reasoning, and persuasive and argumentative skills will be developed. MLA style documentation of primary sources will be included. Placement by college assessment (includes both reading and writing levels); or a grade of C or higher in English 0950 Preparation for College Writing II; or a grade of C or higher in ESOL 1260 College Writing Skills Development plus an ESOL reading level at ESOL 1230 College Reading and Study Skills or above. College assessment test results are valid for 3 years. A satisfactory grade in ENGL 0950 is valid indefinitely. A satisfactory grade in ESOL 1260 is valid indefinitely.	4	01
ENGL	1202	College Writing II	This class focuses on the research process, textual analysis of primary and secondary sources, rhetorical strategies for argument and persuasion, and successful integration of sources into a longer academic paper utilizing MLA (or other, as appropriate) documentation format. The class may be disciplinary, interdisciplinary, or topical in content, as noted on the class registration site. Prerequisite: Engl 1200 or 1201 with a grade of C or higher	2	01
ENGL	1250	Magazine Workshop	This workshop offers students the opportunity to gain practical editorial experience by working on the college literary/arts magazine. As members of the editorial staff, students will solicit, select, and edit stories, essays and poems for publication. May be repeated for credit.	2	06
ENGL	1260	Newspaper Writing	Students will meet at least one hour each week in a laboratory format to edit and publish the student newspaper. Working in collaboration with student contributors and considering local, national and global issues, students will decide what is appropriate and relevant content for the campus newspaper.	2	

ENGL	1400	Reading Poetry	This course is a study of poetry: the reading and analysis of poetic works from a variety of time periods and cultures. Important figures, poetic traditions and movements, formal techniques, and other methods of evoking mood and meaning will be explored through discussion and in both written and oral projects throughout the semester.	3	06
ENGL	1450	Reading Plays	This course is a survey of drama as literature; plays will be read as literary texts, not as the grounds for specific performances or performance practices. Through their engagements with the dramatic literature in this course, students will be introduced to a diversity of dramatic styles and themes. Attention will also be devoted to the social and cultural contexts in which the plays were written and in which they are read. Course materials may be organized either historically or topically. Prerequisite: Engl 1200 or Engl 1201	3	06, 07
ENGL	1900	Introduction to Creative Writing	This class is designed for students who want to try creative writing, perhaps for the first time, and learn more about the creative process. No previous creative writing experience is necessary. Coursework will include reading, writing, and discussion of both student and professional work in at least three of the following genres: fiction, poetry, creative nonfiction (or memoir), and drama. The focus of the class, students' creative work, will be presented and critiqued in a workshop environment.	3	06
ENGL	1940	Technical Writing	This course further develops writing skills as applied to technical subjects for a specialized or lay audience. Credit does not apply to the 40 MnTC credits required in the A.A. degree except in programs where students are permitted to substitute English 1940 for English 1112 or 1202. Prerequisite: Engl 1200 or Engl 1201	3	
ENGL	1950	Graphic Novels	This course will introduce students to the diverse body of literature known as "graphic novels." While emphasis will be placed on works that are specifically considered graphic novels, it may also include the study of other comics-strips and books-that have significantly contributed to the development of the form. Students can expect to be exposed not only to a wide range of graphic novel types, such as autobiography, journalism, history, humor, dramatic fiction, manga, and superheroes, but also to a deeper understanding of the methods of telling stories that are unique to comics.	3	06
ENGL	1960	Writing Workshop	This course is designed for people interested in more intensive work with creative writing projects. The emphasis could range from poetry to story or nonfiction writing.	1	
ENGL	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
ENGL	2010	Writing Creative Non-Fiction and Memoir	This course offers beginning instruction in the art of writing creative non-fiction, which includes the personal essay, literary journalism, and other hybrid forms, as well as memoir writing. Students will read and analyze the work of professional writers, explore a variety of techniques for discovering material and topics, and experience workshop peer review of their work. Prerequisite: Engl 1200 or Engl 1201	3	06

ENGL	2020	Writing Stories	This course offers beginning instruction in the art of writing fiction. Exploring techniques for generating material, engaging in writing exercises, and critically examining contemporary short fiction are important aspects of this course. Students will develop a portfolio of their writing and will critique others' work in a writing workshop environment. Prerequisite: Engl 1201 or 1200	3	06
ENGL	2030	Writing Poetry	Beginning instruction in the art of poetry. Exploring techniques for generating material, engaging in writing exercises both in and out of class, and discussing examples of contemporary poetry are important aspects of this class. Students will draft a collection of poems and critique others' work in a writing workshop environment.	3	06
ENGL	2270	Modern American Literature	This course will introduce students to selected American writers of the twentieth and/or twenty-first centuries and their works. The course may be organized either by historic periods or topically. Prerequisite: Engl 1200 or 1201	3	06
ENGL	2300	Children's Literature	In this course, students will have the pleasure of reading, discussing and evaluating childrens literature ranging from the picture book to the young adult novel. Students will explore the history of childrens literature, critical responses to it and its specific role for children and adults. Students will examine works from the genre that might include picture books, chapter books, folktales, fantasy, realistic fiction, historical fiction, poetry and nonfiction with an emphasis on how the genre and its themes have evolved over time, paying particular attention to how those themes address the role of children in society. This course will appeal to students, parents and educators. Prerequisite: Assessment score placement in Adev 0951 or above, ENGL 0950 or above, or ESOL 1230 or above. Recommendation: Completion of ENGL 1201 with a grade of "C" or higher.	3	07
ENGL	2310	American Short Story	The short story is a form that was created and refined by American writers of the 19th and 20th centuries. Students will study American short story writers, their stories, and their views of American life.	3	06
ENGL	2320	Writing: From Structure to Style	This course focuses on the structure of language as well how its rules and applications affect written communication and authorial choices in professional and academic settings. The course further intends to create confidence in written and oral expression, to support students in business, graphic arts, paralegal, and other programs. Prerequisite: Engl 1201	3	06, 07
ENGL	2330	Hmong American Literature	Hmong American Literature explores the works of Hmong writers as represented in the novel, nonfiction, short stories, poetry, drama/film, and Paj Ntaub (stories recorded in tapestry). To a more limited extent, characterizations of Hmong in works by non-Hmong authors may be considered, as well as relevant works by Laotian American and Asian American writers.	3	06, 07

ENGL	2340	Nature in Literature	This course surveys literature that examines the relation between human beings and the natural world as that relationship has been variously conceived by British, American, and other writers. The literary works studied may begin with the pastoral poetry of the English Renaissance and focus on literature from the late eighteenth-century, nineteenth century, and contemporary works. The primary consideration of this course is on how a literary idea of nature has been affected and effected by variations in culture, namely, changes in politics, economics, and technology that in diverse cultural and historical contexts have created conflicts between ecological and human interests. Ultimately this study leads to considering how the "green language" created by the writers under study has contributed to an eco-critical ethic that allows examination of current ecological sensibilities and the language that represents them. The course may also engage oriental literature, for many American and British authors have aligned their thinking on nature with eastern religions. Additionally, the content will reference painters, philosophers, and composers whose works contribute a relevant understanding of nature-as they may lead into relevant scientific considerations of nature. Prerequisite: Engl 1200 or Engl 1201	3	06, 10
ENGL	2350	Women and Literature	This course explores women as characters in and writers of literature, including fiction, non-fiction, drama and poetry. The course may also address issues of historical context, gender, class and race as a way of understanding women in literature.	3	06, 07
ENGL	2360	Global Literary Perspectives	Students will interpret world literature and film (either in translation or originally written in English) that present culturally diverse voices and viewpoints. Special attention will be given to colonial and postcolonial literatures that reflect the immigrant communities of Twin Cities college campuses, such as Egyptian, Finnish, Ethiopian, Hmong, Icelandic, Iranian, Korean, Liberian, Mexican, Norwegian, Russian, Somali, Swedish, and Vietnamese. Prerequisite: Placement into Engl 1200 or Engl 1201	3	06, 08
ENGL	2370	African American Literature	This course introduces the student to the writings of African-Americans from the colonial period to the present and explores the contributions of these writers to American culture, letters, and life. The course may be organized either by historic periods or topically.	3	06, 07
ENGL	2380	American Indian Literature	This course introduces the students to North American Native American Literature. Readings may include fiction, non-fiction, poetry, songs, mythology, and film from traditional and contemporary authors. Special attention may be given to Native American authors with Minnesota connections, such as Louise Erdrich, David Treuer, and Susan Power.	3	06, 07

ENGL	2390	American Working-Class Literature	This course, providing much needed exposure to a largely overlooked body of writings, introduces students to a variety of classical and contemporary working-class texts that demonstrate literatures rich engagement with industrial, agricultural, domestic, and/or other labor in the United States. Encompassing writings by and about laborers and persons associated with labor, working-class literature reveals the often hidden ways that the material conditions and cultural expectations tied to class and work influence the shape of daily life and its literary expressions. Featuring textual, visual, and/or audio cultural productions, the course is designed to examine the problems and questions raised by working-class texts, which may include the changing nature of work, the dynamic experience of class, the historical circumstances that structure class, the intersection of literature and labor movements, the unstable definitions of literature, and the political dimensions of literature. The course may be organized historically or topically.	3	06, 09
ENGL	2450	Survey of American Literature I	This course will provide students with a chronological overview of American literature, including major writers, literary developments (e.g. sentimentalism, gothic fiction, romanticism, transcendentalism) and key historical and social contexts, from the pre-colonial period to 1860. Prerequisite: Engl 1200 or Engl 1201	3	06, 07
ENGL	2460	Survey of American Literature II	This course will provide students with a chronological overview of American literature, including major writers, literary movements (e.g. local color, realism, naturalism, modernism, and post-modernism) and social and historical contexts, from 1860 to the present. Prerequisite: Engl 1200 or Engl 1201	3	06, 07
ENGL	2500	Playwrighting	Students will be introduced to the fundamentals of writing theatrical plays. They will be expected to work on several creative projects throughout the semester and to participate in workshops in which they will discuss and critique one another's work. Students may also be asked to complete other writing exercises and to analyze a selection of plays to gain a better understanding of the art of playwrighting. Prerequisite: Engl 1900	3	06
ENGL	2550	Survey of British Literature I	This course covers the literature of Great Britain with its historical background from its beginnings to 1785. Chaucer, Shakespeare, Milton, Donne, and Swift, among others, are studied in this course. Prerequisite: Engl 1200 or Engl 1201 with coursework in literature strongly recommended.	3	06, 08
ENGL	2560	Survey of British Literature II	This course covers the literature of Great Britain with its historical background from 1785 through the 20th century. The literature of the Romantic, Victorian, and Modern periods are studied in this course. Prerequisite: Engl 1200 or Engl 1201 with coursework in literature strongly recommended	3	06, 08
ENGL	2580	Shakespeare's Plays	A study of the major plays of William Shakespeare that may include a close reading of the plays, consideration of acting methods, and evaluation of cinematic and theatrical presentations. Prerequisite: Engl 1200 or Engl 1201	3	06, 08

ENGL	2900	Fantasy Literature	This course will introduce students to fantasy as a literary genre. It will expose students to various types of fantasy stories (such as high fantasy, sword and sorcery, urban fantasy, and/or fantasy horror). It will also address how fantasy literature can reflect or comment on issues in the real world, including how various forms of bigotry can be challenged or normalized by fantasy texts.	3	06, 07
ENGL	2950	Mystery and Detective Fiction	This course will introduce students to mystery and detective fiction as a literary genre and as popular literature, examining the conventions of suspense writing, possibly including hook, twist, red herring, back story, sub-plot, procedural, clues, and the ethical concerns of investigative methods and civic life. Discussion of various sub-genre styles will engage students in critical thinking applied to historical era, culturally diverse contexts, and gender roles in mystery writing.	3	06, 09
ENGL	2960	Creative Writing Capstone Project	This course is intended for students who are in the Creative Writing AFA program and within a semester of completion. This capstone experience will focus on the writing and revision of a demonstrative portfolio of writing within a single genre, multiple genres, or blended genres (poetry, fiction, scriptwriting, and/or creative nonfiction). Students will work individually with faculty to develop and polish their writing for publication submission and movement toward further study and/or career options. Prerequisite: Engl 1900 Introduction to Creative Writing	1	
ENGR	1000	Introduction to Engineering and Design	This course is designed for people interested in learning about the engineering profession. It provides an overview of the engineering disciplines. A project-based approach will be used to give experience in skills, tools, and problem-solving methods associated with completing engineering design solutions.	3	
ENGR	1200	Engineering Graphics	This course is designed for people interested in mechanical, civil and aerospace engineering and the Bachelor of Construction Management degree. The student will learn to make AUTOCAD drawings in a Windows environment. The topics that will be covered include: drawing, editing, pan, zoom, view, laying, plotting, dimensioning, blocks, inquiry, purge, DXF, ZIP, UNZIP, XREF, and work in three dimensions. NOTE: Students who do not have access outside of class to computer hardware capable of running AutoCAD can access the program in the computer lab outside of class time.	3	
ENGR	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
ENGR	2301	Statics	This course is designed for people interested in mechanical, civil, industrial, and aerospace engineering. It is also intended for the Bachelor of Construction Management degree. The topics include: vector algebra, equilibrium of a particle, equivalent systems of forces, equilibrium of rigid bodies, distributed forces, friction, centroids, and center of mass. Prerequisite: Math 1221 and Physics 1601	3	

ENGR	2302	Mechanics of Materials	This course is designed for people interested in mechanical, civil, industrial, and aerospace engineering. The topics include: stress, strain, mechanical properties of materials, axial load, torsion, bending, transverse shear, combined loadings, stress transformation and strain transformation. Prerequisite: Math 1221, Physics 1601 and Engr 2301	3	
ENGR	2303	Dynamics	This course is designed for people interested in mechanical, civil, industrial, and aerospace engineering. The topics include: particle kinematics, particle kinetics, Newton's Second Law, rotation of rigid bodies, and energy momentum methods. Prerequisite: Math 1222, Physics 1601 and Engr 2301	3	
ENGR	2501	Circuit Analysis I	This course is designed for people interested in electrical, civil and mechanical engineering, computer science and the Bachelor of Information Networking degree. The topics to be covered include: Kirchhoff's Laws, mesh analysis, nodal analysis, source transformations, superposition, Thevenin's and Norton's Theorems, operational amplifiers, first order response of RL and RC circuits, natural and step response of RLC circuits, sinusoidal steady-state analysis and power calculations and balanced three phase circuits. This is the first course in a two course sequence. (4 hours lecture) Prerequisite: Physics 1601 and Math 1222	4	
ENGR	2511	Circuit Analysis I Laboratory	This course is a laboratory which complements the lecture course Engr 2501. The topics to be covered include: resistance, voltage, current, Kirchhoff's laws, voltage divider, bridge circuits, power transfer, operational amplifiers, natural and step responses, and integrating amplifiers. (2 hours lab) Prerequisite: Engr 2501 or concurrent enrollment	1	
ENGX	0950	English Express I	This course is a combination of ENGL 0900 and ENGL 0950. ENGL 0900 introduces the process and strategies of writing clear, focused paragraphs. Students learn and practice the basic skills of standard American written English, including grammar, punctuation, and sentence structure. ENGL 0950 is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure) than English 1201 provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited, 2-3 page essay. Prerequisite: Assessment score placement in ENGL 0900. Recommendation: Word processing proficiency and good computer skills.	7	

ENGX	1201	English Express II	This course is a combination of ENGL 0950 and ENGL 1201. ENGL 0950 is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure) than English 1201 provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited, 2-3 page essay. ENGL 1201 provides extended practice in critical reading, writing, and thinking skills. Students will develop an effective writing process and work to achieve college-level competence in reading and responding to texts, visuals, events, and ideas in a variety of written formats, with an emphasis on the academic essay. Audience awareness, interpretation and analysis, logical reasoning, and persuasive and argumentative skills will be developed. MLA style documentation of primary sources will be included. Prerequisite: College required assessment for placement or successful completion of English 0900. Recommendation: Word processing proficiency and good computer skills.	8	
ESOL	0830	Reading Skills Development	In this course you will work on strengthening your reading and study strategies, developing your reading vocabulary, and improving your test-taking strategies. You will have the opportunity in this class to develop your reading speed and comprehension of a variety of written materials. This course will help prepare you for the academic skills you will need to succeed in college. Prerequisites: Placement test scores

Students who place into ESOL 0830 are required to enroll in this course during their first term at NHCC. | 4 | |
| ESOL | 0860 | English Language Skills Development | This course is for students who want to improve their formal English language skills in writing and grammar. Emphasis is on learning and using grammatical structures to strengthen and develop English literacy skills for college success. You will practice writing to build fluency and grammatically correct sentences. You will also engage in writing as a regular academic activity and learn strategies to continue your language development. Prerequisite: Placement test scores | 5 | |
| ESOL | 0880 | Listening and Speaking Skill Development | This course will focus on developing your academic listening and speaking skills in English. During this semester you will work on building the note-taking, presentation, and discussion skills you will need to study successfully at the college level. Prerequisite: Placement test scores | 4 | |
| ESOL | 0900 | College Vocabulary Development | In this course you will become familiar with the most frequently used words in academic texts. You will strengthen the vocabulary you need for college-level writing, reading, listening, and speaking by studying word families from the Academic Word List.

Prerequisites: Placement test scores or grade of "C" or better in ESOL 0830 and ESOL 0860. | 2 | |

ESOL	0930	Academic Reading and Study Skills	This course provides advanced level readers with intensive practice and extensive reading tasks in various writing genres. You will develop and improve reading proficiency, speed, and comprehension, and the ability to make inferences from text. You will also develop advanced vocabulary building strategies using college content reading materials. Active study strategies are among the skills practiced as you progress toward skillful, independent reading. Prerequisite: Placement test scores or grade of "C" or better in ESOL 0830 Students who place into ESOL 0930 are required to enroll in this course during their first term at NHCC	4	
ESOL	0960	Academic Writing Skills Development	This course focuses on developing writing process skills and study of various rhetorical patterns. You will engage in concentrated practice to develop paragraphs through multiple drafts, working towards academic essays. You will also continue to strengthen your English language skills. Prerequisite: Placement test scores or grade of "C" or better in ESOL 0860	4	
ESOL	0980	Academic Listening and Speaking	This course concentrates on preparing students for the listening and speaking needed in the American college classroom. You will develop efficient note-taking skills for classroom lectures and skills for giving presentations. An examination of American English as spoken in college classrooms further develops proficiency necessary for successful college work. This course also reviews American English in terms of intonation, rhythm, stress, and emphasis. Prerequisite: Placement test scores or grade of "C" or better in ESOL 0880	4	
ESOL	1060	Advanced Grammar	This is an advanced ESOL grammar course designed to increase students grammar and editing proficiency. The course will build students ability to recognize and employ more sophisticated language necessary for success in academic and professional writing. Prerequisites: ESOL 0830 and ESOL 0860 and ESOL 0880 or placement test scores of ESOL 0930 and ESOL 0960 and ESOL 0980	2	
ESOL	1080	English Pronunciation	This course is for people who desire to speak English more clearly and with greater effectiveness. We will concentrate on addressing your pronunciation concerns and accent needs. This class will give you strategies that will help you to communicate in various situations, including your workplace.	2	
ESOL	1230	College Reading and Studying Skills	This course focuses on the college textbook reading, language and study skills you will need in your content-area courses. You will study content-course readings and complete tests and assignments typical of those you will complete in college courses. Prerequisite: Placement test scores or grade of "C" or better in ESOL 800-level classes and ESOL 0930	4	
ESOL	1260	College Writing Skills Development	In this course, you will develop academic essay writing and advanced English language skills. This course emphasizes writing as a process, as well as development of analytical reading and critical thinking skills. Prerequisite: Placement test scores or grade of "C" or better in ESOL 0900, 0930, 0960 and 0980	4	

ESOL	1280	Listening and Speaking for College Success	This class focuses on the development of note-taking skills through the presentation of college-success content material in the form of lectures and student presentations. You will research student success topics and make formal presentations to the class. The course also reviews tone, register, rhythm, stress, reduction and emphasis as critical elements in delivering a speech. Prerequisite: Placement test scores or grade of "C" or better in ESOL 800-level classes and ESOL 0980.	4	
ESOL	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
EXSC	1000	Physical Fitness	This course is designed to provide cardiovascular and strength enhancement through participation in an aerobic super circuit program. Selected strength training and cardiovascular equipment will be utilized. A pre-assessment of one¿s current level of fitness will aid in the ability to set goals, and a post-assessment will determine improvement/s, as well as areas needing continued emphasis. Healthy lifestyle information will also be presented in order to make fitness and wellness a lifelong goal. This course can be repeated for credit. Note: MANDATORY 2 hour orientation is required on the first day of class.	1	
EXSC	1010	Physical Fitness	This course is designed to provide cardiovascular and strength enhancement through participation in an aerobic super circuit program. Selected strength training and cardiovascular equipment will be utilized. A pre-assessment of one¿s current level of fitness will aid in the ability to set goals, and a post-assessment will determine improvement/s, as well as areas needing continued emphasis. Healthy lifestyle information will also be presented in order to make fitness and wellness a lifelong goal. This course can be repeated for credit. Note: MANDATORY 2 hour orientation is required on the first or second day of class.	2	
EXSC	1020	Adult Fitness	This course is designed to explore the five main components of fitness, what it takes to set and work towards an achievable, personal fitness goal/s, and will utilize various fitness and wellness applications and the internet to record fitness endeavors/workouts.		
EXSC	1041	Volleyball	This course is designed to teach the beginning volleyball student the basic skills and fundamentals of the game. Through consistent participation and effort, the student will learn the rules of the game, have a basic understanding of the game, and be able to play the game at a beginning or intermediate level. Methods of communication and strategies are included.	1	
EXSC	1042	Advanced Volleyball	This course is designed for students who have experience playing volleyball. Through consistent participation and effort, students will build upon their knowledge of the skills and strategies of the game of volleyball. A closer look at the strategies of the game will take place, allowing teams to match opponents strengths and expose their weaknesses. Game situational drills and game play will be implemented to learn and develop advanced player positioning and rotations, and advanced offenses and defenses of the game. Prerequisite: PE 1041 or Instructor Permission	1	

EXSC	1050	Weight Training	This course is designed to introduce students to methods of lifting weights for the development of lifelong physical fitness. Students will develop the basic principles of designing and participating in a safe and effective weight training program. This course can be repeated for credit.	1	
EXSC	1060	Advanced Weight Training	Advanced Weight Training is a course designed to further the students knowledge, techniques, and comprehension of advanced principles of weight training. Application of these techniques and principles to promote and maintain fitness for is the primary goal for this course. This course can be repeated for credit. Prerequisites: EXSC 1050 or Instructor Approval	2	
EXSC	1070	Soccer	This course includes instruction and practice in skills of soccer through drills and game play. Rules, terminology, and strategy also are studied.	1	
EXSC	1110	Co-Ed Softball	This course includes instruction and practice of skills of co-ed softball through drills and game play. History, rules, terminology and strategy are included in this course.

NOTE: Students must provide their own softball glove | 1 | |
| EXSC | 1130 | Leisure Time Games | Introduction and participation in selected individual and team games of a recreational nature are the core of this course. Rules and techniques are included in this course. | 1 | |
| EXSC | 1140 | Recreational Games | Students learn to teach/present low organizational games. Members of the class will present and participate in the various games. | 1 | |
| EXSC | 1151 | Golf I | A beginners class in fundamental skills of golf, full swing, pitching, chipping and putting, this course includes rules, terminology and strategy. Classes meet on campus and at the driving range/golf course. Students are expected to furnish golf clubs and golf balls. Additional fee charged for use of golf course.

NOTE: Students must provide their own golf clubs and golf balls. | 1 | |
| EXSC | 1152 | Golf II | The nine fundamental errors in golf are analyzed to help the student correct individual errors. Match play is arranged between class members using established handicaps.

NOTE: Students must provide their own golf clubs and golf balls. | 1 | |
EXSC	1200	Bowling	This course includes instruction and practice in skills of bowling through drills and play. Rules, terminology, and scoring are included. Classes meet at bowling lanes. Additional fee charged for use of bowling lanes.	1	
EXSC	1210	Badminton	Badminton is a beginning level course designed for those who have little to no experience playing. This course will include the instruction and the practice of fundamental skills through drills and game play. Rules, terminology, and strategy are included.	1	
EXSC	1230	Basketball	This course provides instruction and practice in skills of basketball through drills and game play. Rules, terminology, and strategy are included.	1	
EXSC	1240	Rock Climbing	Rock Climbing is a beginning-level class. It is designed to introduce the basics of indoor top-rope climbing to students. Students will learn knot tying, belaying, climbing commands, and gear management. Students will also learn the skills necessary in order to maximize their climbing performance by learning balance, footwork and body position. Emphasis will be placed on making climbing a safe and enjoyable activity. (Additional fee for this course)	1	

EXSC	1250	Wellness for Life	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health of the individual. The course involves lectures and/or podcasts, discussion, and lab assessments of the students present health status. PE 1250 and Health 1250 are the same: credit may not be earned for both. (2 hrs lecture, 2 hrs lab)	3	
EXSC	1250	Wellness for Life	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health of the individual. EXSC 1250 and HLTH 1250 are the same: credit may not be earned for both. (2 hrs lecture, 2 hrs lab)	3	
EXSC	1260	Kinesthetic Learning	Students in this course will examine the connection between brain science, physical activity, and becoming a successful college student. This learning community will be particularly helpful for students interested in becoming health education professionals, educators, or want to better understand how to use hands-on/kinesthetic learning in college. (1 hour lecture, 1 hour lab)	1	
EXSC	1270	Studio Cycle	Studio Cycle is a beginning level class. It is designed to introduce the basics of indoor group cycling as well as cycle science, equipment, and heart rate training. Music is utilized with a combination of a spin bike and an extensive lower body and cardiovascular workout. Students should be in good general health to enroll in this class.

This course can be repeated for credit. | 1 | |
EXSC	1310	Disc Golf	Disc Golf is designed for both the beginning player and those that are more advanced. The course will cover the concepts of game play, the history of the game, rules of the game, ethics, basic strategies, as well as course locations and components.	1	
EXSC	1400	Women's Self Defense	This course consists of the introduction of basic physical and psychological skills to help the student act in crisis and pre-crisis situations to avoid or stop physical assault, harassment, dangerous situations, and encounters. Physical skills, basic recognition skills, avoidance skills, and basic personal safety are covered in this course. Classroom sessions provide information on personal safety, child safety, sexual harassment, domestic abuse, sexual violence, and violence against women.	1	
EXSC	1420	Walk, Jog, Run	This course is an introduction to the sport of walking or running for cardiovascular exercise. This class includes individual goals, information on proper technique for improvement in each mode of exercise, and variety of methods to improve conditioning in each area.	1	
EXSC	1430	Tai Chi Chih	Tai Chi Chih consists of twenty simple, repetitive, non-strenuous, pleasant movements which involve no physical contact, but rather emphasize a soft flowing continuity of motion. Tai Chi Chih can be performed by anyone, regardless of age or physical condition, and the substantial benefits of the practice are surprisingly easy to realize with regular practice.	1	

EXSC	1440	Karate	This course will enable the student to obtain a basic knowledge or appreciation of self-defense and the martial arts, specifically the Soo Bahk Do style of martial arts. Students will learn to execute basic self-defense techniques, increase their flexibility, and improve their mental focus. Soo Bahk Do has been taught on campus since 1978 and was one of the "pioneer" arts introduced in Minnesota in the 1960's. Upon completion of the curriculum, the student will be eligible to test for rank recognized by the United State Soo Bahk Do Federation at an additional fee and can continue their training at a local studio.	1	
EXSC	1451	Beginning Tennis	This is a class for those who have never played tennis or have played very little. Instruction and practice in fundamental skills of tennis - forehand, backhand, serve, and volley - are studied through drills and game play. Rules, terminology, and strategy are included. Students are expected to furnish tennis rackets and tennis balls.	1	
EXSC	1452	Intermediate Tennis	This course is for people who have had beginning tennis lessons and reviews the basic skills of forehand, backhand, volley, and serve through drills and game play. Use of these basic skills in game situations will be emphasized. Rules, scoring, and terminology will be reviewed. Lob and smash will be introduced into play. A more thorough knowledge of tennis strategy will be developed through drills and game play. Students are expected to furnish tennis rackets and tennis balls.	1	
EXSC	1500	Foundations of Exercise Science	This course is an introduction to the study of exercise science. The course includes the presentation of historical information and philosophical foundations of physical education and exercise science field. Students will investigate a major or minor in exercise science, areas of concentration, and related certifications within the field. The purpose of the class is to acquaint students with prospective career paths within the exercise science field and introduce them to professional organizations which provide certification and career enrichment opportunities.

Prerequisite: Placement into Engl 1201 | 3 | |
EXSC	1510	Coaching and Management	This course develops skills in areas of coaching and management of sports. Topics include theories of coaching, competency levels, teaching techniques, training, equipment purchasing and inventory, facility management, public relations, fundraising, and legal issues relating to sport. Students will gain the knowledge necessary to coach and/or manage sports at the high school, collegiate and/or recreational levels.	2	
EXSC	1520	Movement Exploration	This course is designed to introduce elementary physical education teaching skills. Students will explore various types of body movements and games which are used to improve locomotor skills, spatial elements, tumbling and rhythmic movements, as well as paired and group activities. It will incorporate developing motor skills, sequencing of skill development, and incorporating objectives into lesson plans. Students will plan elementary curriculum and practice elementary teaching skills in a controlled environment.	3	
EXSC	1600	Downhill Sports	This course offers students the ability to choose between Snowboarding and Alpine Skiing. It is intended to either introduce students to snowboarding/skiing and/or develop their current skill level. Using the American Teaching System (ATS), classes are split into 9 skill levels, beginning through advanced.	1	

EXSC	1610	Winter Skills	This course introduces the skills, techniques, equipment, and ethics of winter wilderness-oriented skills, such as winter camping, snow shoeing, and cross country skiing. This course provides a variety of exposure to skills so that students may pursue interests beyond this course. This course concludes with a weekend trip.	1	
EXSC	1630	Wilderness Navigation	This course provides skill, instruction, and experience related to the use of map and compass for off-trail wilderness navigation and problem solving. Navigation techniques will be taught and advanced through practical application. This course concludes with a weekend trip.	1	
EXSC	1640	Outdoor Activity Sampler	This course provides skill, instruction, and experience related to numerous outdoor activities. Activities may include any or all of the following: canoeing, kayaking, orienteering, rock climbing, adventure ropes course, hiking, camping, natures edibles, and/or outdoor cooking. Students are exposed to a variety of skills so they have the opportunity to pursue interests beyond this course and throughout their lives. This course concludes with a weekend trip.	1	
EXSC	1700	Canoe Camping	This course prepares the student for canoe camping trip in wilderness areas similar to the Boundary Waters Canoe Area. Students canoeing skills and safety, camping skills and techniques, food/ration planning, and wildlife concerns. Other areas emphasized are water purification, exercising in varying climates, and Leave No Trace ethics. The course culminates with a camping trip in the wilderness.	3	
EXSC	1710	Wilderness Camping	This course is designed to prepare students for an extended outdoor trip. Special attention will be paid to assessing environmental and route conditions, proper gear systems, food/ration planning, water purification, exercising in varying climates, Leave No Trace ethics, and leadership skills. The course culminates with a camping trip in the wilderness.	3	
EXSC	1720	Introduction to Camping	This course is designed to prepare the student enrolled in the Outdoor Education Program for an extended outdoor trip. Special attention will be paid to water purification, hypothermia, wilderness etiquette, and the principles of minimal impact camping. The course culminates with a camping trip in the wilderness.	2	
EXSC	1730	Conditioning for Rocky Mountain Backpacking	A combination strength and aerobic conditioning program designed to help students enrolled in the Wilderness Backpacking package adapt to altitude and climate conditions they will experience on the trip. Students are required to have a physical exam prior to the trip, and should be in moderate to excellent physical condition. NOTE: Participants must provide a physical examination by a physician to clear them for conditioning, and the eventual trip.	1	
EXSC	1740	Hiking	This course is an introduction to the outdoor leisure sport of hiking. Students will have the opportunity to explore a number of different parks and experience recreational hiking, either in groups or solo. Instruction includes hiking basics, first aid on the trail, trail navigation, and preparation for a days hiking experience.	1	

EXSC	1750	Yoga	The focus of yoga will be on the physical dimension. We will stress exercise, movements, and poses which will enhance overall mobility, flexibility, balance, and muscle training. Yoga will train used, underused, and opposing muscles which may improve one's physical quality of life. Yoga instruction will introduce the mental aspect as well. We will begin to develop, practice, and train the relationship between mind and body in order to improve the body's mental and physical communication. This course can be repeated for credit.	1	
EXSC	1751	Yoga I	The focus of yoga will be on the physical dimension. We will stress exercise, movements, and poses which will enhance overall mobility, flexibility, balance, and muscle training. Yoga will train used, underused, and opposing muscles which may improve ones physical quality of life. In addition, due to the training involved, individual sport performance may also be improved. Yoga will touch on the mental aspect as well. We will begin to develop, practice, and train the relationship between mind and body in order to improve the bodys mental and physical communication. This course may be repeated for credit. NOTE: Students must be in good physical health and report any problems and/or concerns to the instructor prior to the first workout. This course may be repeated for credit.	1	
EXSC	1752	Yoga II	The focus of Yoga II will be on the physical and mental dimensions. Advanced postures and breathing techniques will be introduced and practiced. A variety of yoga styles will be practice (Hatha yoga, Power yoga, and Iyengar Yoga). Journaling is an integral part of this course.	1	
EXSC	1760	Introduction to Kayaking and Canoeing	This course is designed for the beginner in both kayaking and canoeing. Students will learn how to get in and out of the kayak, wet entry, basic paddling strokes, and safety on the water for flat water kayaking. The canoeing portion covers safety, and proper steering paddling techniques. The course also includes a half day canoe trip and a half day kayak lake tour for skill application.	1	
EXSC	1800	Aerobics	This course provides instruction and practice in a physical fitness program which involves a series of vigorous movements. Music is utilized with a combination of dancing, jogging, and jumping. This course may be repeated for credit. Good general health is recommended.	1	
EXSC	1810	Step Aerobics	This course provides instruction and practice in a physical fitness program which involves a series of vigorous stepping movements. Music is utilized with a combination of a stepping apparatus and an extensive upper body workout to raise the heart rate to within the exercise heart rate zone. This course may be repeated for credit. Good general health is recommended.	1	
EXSC	1820	Boot Camp	This course presents a fast-paced, total body workout that focus on optimal performance training through the use of various modalities such as calisthenics, running, body weight training, functional training, and speed, agility, and quickness drills designed to promote physical fitness. Emphasis will be placed on discipline, intensity and goal-oriented exercise programming. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.	1	

EXSC	1830	Social Dance	This course includes instruction and practice in basic ballroom dance technique, including dance positions and posture, basic step patterns, rhythm, and styles.	1	
EXSC	1840	Zumba	Zumba is a Latin inspired, dance-fitness class that incorporates Latin and international music and dance movements, creating a dynamic, exciting, and effective fitness system. The class combines fast and slow rhythms that tone and sculpt the body using an aerobic/fitness approach to achieve a unique blended balance of cardio and muscle-toning benefits. This course is repeatable for credit.	1	
EXSC	1850	Yoga Core	The yoga core class focuses on core stability and strength. Yoga postures that emphasize core strength will be focused on. The use of medicine balls, stability balls and bosu balls will be used to isolate the basic muscles of the core/torso/back.	1	
EXSC	1860	Total Body Strengthening	This class is a total body strengthening workout. It challenges all of your major muscle groups by using handheld weights. You will perform exercises that target all of your major muscle groups: squats, presses, lifts and curls. This course is in a group exercise format where music is used to motivate and push you to a high level of intensity. High intensity interval training will be used which increases body fat utilization for energy.	1	
EXSC	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
EXSC	2010	Essentials of Exercise Science	This course provides an in-depth look into topics such as the acute and chronic physiological and psychological responses to exercise, exercise anatomy, exercise metabolism, and how the nervous, skeletal, muscular and endocrine systems respond during exercise. (3 hours lecture) Prerequisite: Placement into Engl 1201 It is strongly recommended that students in the Personal Training Certificate program take EXSC 2010 and EXSC 2100 at the same time in order to sit for the NASM-CPT exam.	3	
EXSC	2100	Concepts of Training	This course will allow students to research, explore, discuss, and compare different training strategies based on empirical research that are designed to improve health, wellness, and performance, and to modify lifestyle behaviors. Students will comprehend how and when to apply each training method upon distinguishing individual needs and wants of different persons while adhering to current training guidelines, principles of training, and current accepted Exercise Science training theories. In order to sit for the NASM-CPT exam, it is strongly recommended that students register for both 2010 and 2100 at the same time.	3	
EXSC	2110	Advanced Fitness Assessment & Exercise Prescription	This course is designed to expand the theoretical knowledge of fitness assessment and exercise prescription into practical application of personal training and exercise science. This course will assist students in bridging the gap of research and practice. (2 lab hours) Prerequisite: EXSC 2101	1	

EXSC	2110	Advanced Fitness Assessment & Exercise Prescription	This course is designed to expand the theoretical knowledge of fitness assessment and exercise prescription into practical application of personal training and exercise science. This course will assist students in bridging the gap of research and practical application. (2 hours lecture, 2 hours lab) Prerequisite: EXSC 2100 and EXSC 2010 with a grade of "C" or better	3	
EXSC	2200	Applications of Training	This course will allow students to devise, apply, analyze, and practice different training strategies based on empirical research that are designed to improve health, wellness, and performance, and to modify lifestyle behaviors. Students will apply specific training methods to individuals based on the results of initial fitness testing and interview while adhering to current training guidelines, principles of training, and current accepted Exercise Science training theories. (1 hour lecture, 2 hours lab) Prerequisite: EXSC 2100 with a grade of "C" or better	2	
EXSC	2270	Essentials of Sport & Exercise Nutrition	This course presents the scientific basis for sports nutrition building upon basic nutritional concepts. Students will review, describe, and interpret the macronutrient needs and recommendations for athletic performance (this would include pre-, during, and post-exercise fueling), energy expenditure during resistance and cardiovascular exercise, the diet during training, the timing and composition of the pre-, during, and post- competition fueling, the use of nutritional supplements, and the special needs of various athletic groups. The course provides practical and scientifically based information for those entering the exercise science field as well as the competitive athlete and people of all ages wishing to incorporate nutrition into an active lifestyle. Prerequisite: HLTH 1070 with a recommended grade of "C" or better	3	
EXSC	2390	Current Research Trends in Exercise Science	This course is designed for formulating, designing, and implementing meaningful research into timely and practical educational issues within the exercise science field. The study of a particular topic(s) of special importance, relevance, and currency to those going into the exercise science field will be the main theme. Course content may vary with each offering. Prerequisite: Hlth 1070 with recommended grade of "C" or better	3	
EXSC	2490	Kinesiology	Course Content includes study of human movement and the muscular system. Skeletal and major muscular systems will be studied in detail in order to better understand how human movement is produced. Students will anatomically analyze movements and be introduced to the concepts of biomechanics. (3 hours lecture, 3 hours lab) Prerequisites: BIOL 1120 or BIOL 2001 or EXSC 2010 with a grade of "C" or Better	4	

EXSC	2750	Wellness Coaching & Health Promotion	This course examines theoretical frameworks of evidence-based health interventions and current practices relevant to health/wellness coaching. Students will explore coaching competencies, professional ethics, and diversity all in preparation for a national certification exam in health/wellness coaching. Students will also examine the role of the wellness coach within the corporate wellness field and their ability to facilitate change among employees and corporations. Prerequisites: EXSC 2010 and EXSC 2100 with a grade of "C" or better It is strongly recommended that students have already sat for and passed their CPT exam prior to sitting for the ACE Health Coach exam.	3	
FYE	1020	First Year Experience	This course provides both first-time and returning students with academic and social interactions in order to make a successful transition to college. Through lecture, discussions, group activities, active learning exercises, and guest speakers, students are introduced to a variety of topics critical to academic success. The course empowers students to be actively engaged in their learning by understanding the culture of college and creating a learning plan that incorporates the use of study skills that will foster success in all of their course work.	2	
GCST	1030	Introduction to Japanese Culture	This course is an introduction to and interdisciplinary exploration of Japanese culture. Through the study of Japanese humanities and fine arts, people and the environment, students will identify what makes Japanese Culture so unique and how the Japanese Mind/Spirit (nihon no kokoro) and their connection to the environment and other non-human species has shaped Japanese society from days of old to the present.	3	06, 10
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	This American Indian cultural course will provide students with an overview, past and present, of the cultures of Indigenous Peoples of Minnesota, including music, dance, art, the oral story telling tradition and the American Indian connection with the environment and other non-human species. Students will also analyze how these vibrant cultures have survived oppression and genocide, and continue to thrive. Through exploring this living culture, students will gain understanding of Indigenous Peoples strong connection with, and stewardship of, the environment, learn about an important aspect of human and global diversity, and our interconnectedness with each other and our environment.	3	07, 10

GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	Join in an interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. Realize how Aikidos unique history, philosophy, and technique can be integrated into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society. Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build health, respect and responsibility through mental and physical discipline. Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements.	3	08, 09
GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	This course is a continuation of the interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. It will include further study of Aikidos unique history, philosophy, and the next level of techniques, integrating what is learned into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society. Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build health, respect and responsibility through mental and physical discipline. Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements.	3	08, 09

| GCST | 1212 | The History, Philosophy and Practice of Traditional Aikido II | This course is a continuation of the interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. It will include further study of Aikidos unique history, philosophy, and the next level of techniques, integrating what is learned into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society.

Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build health, respect and responsibility through mental and physical discipline.

Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements. | 3 | 09 |
| GCST | 1213 | The History, Philosophy, and Practice of Traditional Aikido III | This course is a continuation of the interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. It will include further study of Aikidos unique history, philosophy, and the next level of technique, integrating what is learned into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society.

Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build sincere people through mental and physical discipline.

Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements. | 3 | 08 |

GCST	1220	Practical Applications of Traditional Aikido	This course uses Traditional Aikido (a Japanese martial art) in order to help the student gain skills both on and off the mat, applying them to his or her profession and daily life. The student will research, study, and practice real-life scenarios and situations of de-escalation, protection, compliance, and restraint- maximizing safety, focus, awareness, and control. Aikido is a life-giving tool. This class appeals to the beginner and experienced Aikido student. It is ideal for Criminal Justice, Emergency Medical Services (EMS), Military, and Security jobs as well as other service professions. *Note: This course is an elective course in Global and Cultural Studies fulfilling the MnTC Goal Areas 7 & 8. It will not count toward any HEALTH OR PE requirements.	2	07, 09
GCST	1320	Community Organizing	The focus of this course will be developing leadership skills through community organizing and empowering students to make lasting changes at the college, in their own communities and the world. Students will examine past and present social movements with a special focus on organizing in communities of color. This course will also explore the contemporary meanings of community in the United States. Students will learn to identify the leader within by examining the relationship between community and citizenship. This course will also focus on issues of diversity and sustainable communities with the practical application of active leadership techniques and creative organizing on our campus. This could include aspects of the annual Earth Week Program such as Marketing, PR, Event Planning, Budgeting, Community Partnerships, Cross Campus and Cross cultural collaborations, and curriculum integration.	3	07, 09
GCST	1990	Interdisciplinary Studies Topic	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
GEOG	1000	Geography of the United States	This course provides a broad overview of those factors, cultural and physical, that identify the United States. Topics covered include climate, topography, population, language, history and regionalism. Students will gain an introductory knowledge of United States history, economics, politics, physical landscapes and culture. This course is recommended for international students or those new to the United States.	2	07

GEOG	1010	Physical Geography	This course will provide an introduction to the physical processes that are at work at all times on the surface of the earth. This course provides an introduction to the processes that influence the lithosphere, atmosphere, hydrosphere and biosphere. Topics covered include earthquakes, volcanoes, tornadoes, blizzards, winds, precipitation, the Hydrological Cycle, vegetation and soil. This course includes a basic understanding of how these systems interact and how the physical landscape interacts with the human landscape. Included in this will be discussions about environmental concerns such as acid precipitation, ozone depletion, soil degradation, desertification and rainforest destruction. This course includes lab-like coursework/exams that will enhance a student's ability to make observations, form questions, pose hypotheses, make predictions and critically evaluate scientific data and results.	3	03, 10
GEOG	1040	Human Geography	This course surveys occupancy and use of the earth. The great diversity of this human experience as well as the nature of the people/land relationship are examined in terms of distinctive culture realms which have manifested varying degrees of technological and sociological development in time and space. Essential to this examination is a comparative review of the contemporary geographies of race, language, religion, political ideologies, economic activity, settlement, and population.	3	07, 08
GEOG	1100	World Geography	This course is a region-by-region study of the world. It includes the identification of physical and human place locations, along with emphasizing whatever best explains the character of each country. This may be population, economics, resources, or any aspect of nature or humanity that gives an insightful understanding of each country.	3	08
GEOG	1190	Area Studies	This course provides the opportunity to use the geographic foundations of spatial relationships and apply those with concentration to specific topics. Spatial relationships will be studied using the standard geography methodology of examining phenomena--the locations of, descriptions of and interrelationships of that phenomena on the surface of the earth. Topics will include economics, politics, religion, population, flora, fauna, language and regions. This concentrated study will includes an examination of the human/land relationship.	3	08, 10
GEOG	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3	
GEOL	1010	Minnesota Field Geology Series: Glacial Geology	Come explore the glacial geologic history of Minnesota! We will also examine its influence on some of the state's economic, environmental and political issues. Topics include: geologic time, plate tectonics, hydrologic cycle, rock cycle, rock classification and identification, formation and destruction of continental ice sheets, sedimentary processes, recognition of erosional and depositional glacial landforms, and topographic map usage. Three-day field trip around Minnesota is mandatory. Course is open to all students.	2	03, 10

GEOL	1020	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	Come explore the oldest rocks in Minnesota! This course will examine the earliest geologic history of Minnesota, which includes greenstone belts, iron ore deposits, and flood and pillow basalts. Topics include: geologic time, plate tectonics, rock cycle, rock classification and identification, Mid-continental rift, intrusive and extrusive igneous processes and products, metamorphism and mineral resources, and topographic map usage. This course is a field experience including observations, hypothesis, predictions, and evaluation of scientific data and results. Three-day field trip around Minnesota is mandatory. Course is open to all students.	2	03, 10
GEOL	1030	Minnesota Field Geology Series: Fluvial Geology	Come explore the geologic history of Minnesota's rivers. We will examine the development of the Mississippi, Minnesota, Red, and St. Croix Rivers and the influence of their development and present geomorphology on some of the state's economic, environmental and political issues. Topics include: geologic time, plate tectonics, hydrologic cycle, rock cycle, rock classification and identification, weathering and erosion, drainage patterns, flooding, fluvial landform recognition, meandering, wetlands, topographic map usage. This course is a field experience including observations, hypothesis, predictions, and evaluation of scientific data and results. Three-day field trip around Minnesota is mandatory. Course is open to all students.	2	03, 10
GEOL	1040	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	Come explore Minnesota's caves and ancient ocean floors! This course will examine the hydrogeologic processes involved in cave formation and the development of karst topography. In addition, we will evaluate the evidence of ancient oceans in Minnesota using the sedimentary and fossil record. Additional topics include: plate tectonics, geologic time, hydrologic cycle, rock, mineral and fossil identification, weathering and erosion, sealevel change, marine sedimentary processes. This course is a field experience including observations, hypothesis, predictions, and evaluation of scientific data and results. Three-day field trip around Minnesota is mandatory. Course is open to all students.	2	03, 10
GEOL	1110	Physical Geology	A course examining the earth's formation, composition, structure and natural systems. Including exploration of the earth's internal and external processes and how they shape the surface of the earth. Topics include: geologic time, plate tectonics, rock and mineral identification, introduction to topographic and geologic maps, surficial processes and environmental concerns. Course is open to all students. (3 hours lecture, 3 hours lab)	4	03
GEOL	1120	Historical Geology	A temporal survey of the development of earth as we know it today, and the evolution of life as deciphered from the sedimentary rock and fossil record. Topics include: principles of geology, sedimentary rocks, fossil identification and classification, plate tectonics, evolution of life, hominid development and mass extinctions. Course is open to all students. (3 hours lecture, 3 hours lab)	4	03, 10

GEOL	1130	Rocky Mountain Field Study	This course is designed for people interested in learning about basic principles of astronomy, geology, and meteorology in an applied setting. This course is offered as a component of our Outdoor Education Program, usually during summer session. Classes meet on campus for several weeks followed by 7-10 days in the Rocky Mountains and surrounding areas. Topics include: rock and mineral identification, geologic history of the area, geologic time, plate tectonics, topographic maps, surficial processes, physical processes of weather and astronomical features. Course is open to all students. (3 hours lecture, 3 hours lab)	4	03
GEOL	1150	Boundary Waters Field Geology	This lecture, lab & field-based course is designed for people interested in learning about basic principles of astronomy, geology, and meteorology in an applied setting. This course will be offered as a component of our Outdoor Education Program, usually during summer session. Topics include: rock and mineral identification, geologic history of the area, geologic time, plate tectonics, topographic maps, surficial processes, physical processes of weather and astronomical features. Students will participate in an 8-9 day mandatory field trip to BWCA-Quetico Wilderness Area. Course is open to all students. (3 hours lecture, 3 hours lab)	4	03, 10
GEOL	1150	BWCA Field Geology	This lecture, lab & field-based course is designed for people interested in learning about basic principles of astronomy, geology, and meteorology in an applied setting. This course will be offered as a component of our Outdoor Education Program, usually during summer session. Topics include: rock and mineral identification, geologic history of the area, geologic time, plate tectonics, topographic maps, surficial processes, physical processes of weather and astronomical features. Students will participate in an 8-9 day mandatory field trip to BWCA-Quetico Wilderness Area. Course is open to all students. (3 hours lecture, 3 hours lab)	4	
GEOL	1160	Global Environmental Field Geology	An introduction to environmental geology with emphasis on the impact that globalization has on the environments and on geologic resources of various regions of the world, including the United States. Students will examine the geologic development of a particular region and how various cultures and societies approach environmental and geologic resource management problems. Students will explore their own community for the presence of globalization and they will travel to the country or region of study to meet with environmental experts and to observe first-hand the issues covered in this course. A 7-10 day field trip to the study region is mandatory. Course is open to all students. (3 hours lecture, 3 hours lab)	4	03, 10

GEOL	1850	Oceanography	Science is a process, not a body of knowledge. This inquiry-based course on understanding the world's oceans emphasizes the practice of science through making observations, forming questions, posing testable hypotheses, making predictions and critically evaluating scientific data and results. By examining data and evaluating evidence related to our understanding of the geologic, biological, chemical, physical and processes at work in the world's oceans, students' will recognize the critical role that oceans play in the earth's climate system and the influence of biosphere-atmosphere interactions on the oceans. Topics may include waves, tides, marine biology, seawater chemistry, plate tectonics, ocean currents, coastal processes, climate change, marine resources, coastal processes, and human influences on the world's oceans. Course is open to all students.	3	03, 10
GEOL	1851	Oceanography Lab	This course is designed to complement GEOL 1850, Oceanography. The 3 hour lab sessions will include group and individual projects that supplement concepts and topics from oceanography lecture. Students will collect their own data and use oceanographic data from internet resources. Lab topics that will be covered include plate tectonics, marine sediments, temperature and salinity, water masses and ocean circulation, mapping the seafloor, marine ecosystems, coastal erosion, climate change, primary productivity, El Nino and biogeochemical cycling. (3 hour lab) Prerequisite: Geol 1850 or concurrent enrollment	1	03, 10
GEOL	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
HCCC	1010	Awareness and Sensitivity to Client Needs	This course presents challenges and issues related to awareness and sensitivity needed to understand the healthcare needs of clients/individuals. Included is the impact disease has on individuals, the emotional, spiritual and social needs of clients/individuals as well as the type of care needed by different age groups. Also included is the process of death and dying and how that affects clients and their families. Prerequisite: Reading: Placement score or completion of ADEV 0952 or ESOL 0930 with a grade of C or better.	0.5	
HCCC	1020	Behaviors for Success in Healthcare Settings	This course focuses on the requirements needed by health care personnel to effectively work in a variety of health care settings. Included are education and licensure/certification requirements, scope of work, types of interactions with clients, peer groups and team members, and the impact healthcare workers have meeting the healthcare needs of clients. In addition, types of health care facilities and systems, applying for employment, accountability and responsibility, standards of dress, workplace behavior, approaches needed to assist individuals, expectations of teams and team members, common healthcare facility policies and requirements are explored. How healthcare personnel can impact the quality of health care and balance their work and personal life to maintain wellness and encourage the wellness of others is also discussed. Prerequisites: Reading placement score or completion of ADEV 0952 or ESOL 0930 with a grade of C or better.	0.5	

HCCC	1030	Managing Information in Healthcare Settings	This course emphasizes the importance of effective communication between and among healthcare employees and their clients/individuals. Included are verbal and non-verbal communication, listening skills, interpersonal communication, team communication, documentation and reporting, and the use of electronic communication devices in health care facilities. Focus is on the development of effective communication skills to support quality client/individual care. Prerequisites: Reading Placement score or completion of ADEV 0952 or ESOL 0930	1	
HCCC	1040	Survey of Ethics in Healthcare Settings	This course emphasizes the use of sound ethical practices in healthcare. Included are ethical practices and standards as they relate to the care of clients/individuals and interactions with peers, colleagues, and team members and family healthcare and the difficult decisions that need to be made. Prerequisites: HCCC 1010 and 1020 and 1030	0.5	
HCCC	1050	Legal Issues in Healthcare	This course focuses on the legal issues related to clients/individuals and healthcare employees. Healthcare laws, client rights and responsibilities, confidentiality, liability, documentation, and regulation are explored. The relationship between ethics and legal issues is discussed as well as the impact laws and regulations have on healthcare systems. Prerequisites: HCCC 1010 and 1020 and 1030	0.5	
HCCC	1060	Respecting Client and Staff Diversity	This course provides a framework for dealing with diverse clients/individuals and staff. Included are belief systems, cultural issues, gender issues and sexuality issues. Awareness and use of effective strategies to appropriately deal with client and staff diversity are emphasized. Prerequisites: HCCC 1010 and 1020 and 1030	0.5	
HCCC	1070	Healthcare Safety and Standard Precautions	This course focuses on the rules and standards related to regulatory policies required of healthcare facilities as well as personal safety standards and requirements to work in healthcare settings. Included are the principles and standards of infection control, Standard Precautions, healthcare facility safety policies, strategies to ensure personal and client/individual safety, and procedures to respond to emergencies. Prerequisites: HCCC 1010 and 1020 and 1030	0.5	
HIST	1010	World History: Origins to 1300	This course examines world history from its origins to end of the 13th century. Although it is important for students of world history to have a nuanced understanding of cultures, states, and other entities that constitute the fabric of human history, the primary focus of the world historian is the study of phenomena that transcends single states, regions, or cultures. In other words, world history is not the study of the histories of discrete cultures and states one after another and in isolation from one another: world history is transregional, transnational, and transcultural. As long as one focuses on the big picture of cultural interchange and/or comparative history, one is a practicing world historian.	3	05, 08

HIST	1020	World History: 1300 to Present	This course examines world history from the 14th century to the present. Although it is important for students of world history to have a nuanced understanding of cultures, states, and other entities that constitute the fabric of human history, the primary focus of the world historian is the study of phenomena that transcends single states, regions, or cultures. In other words, world history is not the study of the histories of discrete cultures and states one after another and in isolation from one another: world history is transregional, transnational, and transcultural. As long as one focuses on the big picture of cultural interchange and/or comparative history, one is a practicing world historian.	3	05, 08
HIST	1030	Colonial History of the Americas	This course examines the human migratory phase that led to the initial peopling of the Americas beginning ca. 35,000 BCE; it explores the first colonial period that began ca. 7500 BCE with the rise of domesticated agriculture and the consequent establishment of major civilizations in South America, Meso-America, and North America; and it covers the second colonial period initiated by the arrival of the Spanish in 1492 and that began drawing to a conclusion in the late eighteenth century. Study of the second colonial period includes the colonization of North America, Central America, The Caribbean, and South America by six European empires: the Spanish, Portuguese, French, Dutch, Russian, and English.	3	05, 08
HIST	1110	History of Western Civilization Pre 1550	This course examines the development of Western Civilization from ancient origins through the Reformation. We will consider various "western" civilizations ranging from ancient Mesopotamian civilizations to Early Modern Europe, following a chronological progression, while maintaining a broad geographic scope. Students are expected to gain a working knowledge of the different Western civilizations and the periods in which they flourished, as well as begin to develop the skills necessary to analyze documents as historical evidence.	3	05, 08
HIST	1120	History of Western Civilization 1550 to Present	This course examines the development of Western Civilization from the Reformation to the present. The course will focus on social, political, and cultural developments in Europe, covering topics such as the Industrial Revolution and Globalization in the 20th century. The course will also examine how these developments affected the rest of the world. Students are expected to gain a working knowledge of the history of the period, as well as begin to develop the skills necessary to analyze documents as historical evidence, and to present a historical argument.	3	05, 08
HIST	1130	History of the Medieval West	This course examines the development of the three major Western cultures that emerged during the Middle Ages: Western Europe, Byzantium, and Islam. Specific emphasis will be given to the interactions between these three cultures, both positive and negative. Students are expected to gain a working knowledge of the history of the period, as well as begin to develop the skills necessary to analyze documents as historical evidence, and to present a historical argument.	3	05, 08

HIST	1140	History of the Ancient West	This course examines the origins and development of civilizations surrounding the Mediterranean, such as the Egyptians, Hittites, Greeks, and Romans, during the ancient period, from about 3000 BC through about AD 300. The course will explore the contact between the various ancient civilizations, and will seek to understand both the tendency toward empire-creation in the ancient world, and the proclivity of those empires to collapse. Students are expected to gain a working knowledge of the history of the period, as well as begin to develop the skills necessary to analyze documents as historical evidence, and to present a historical argument.	3	05, 08
HIST	1200	History of United States Through 1877	This course focuses on the major cultural, social, and political issues in United States history from the revolutionary period through Reconstruction. We look at the ideas that led to the revolution, how the thirteen colonies assembled themselves into a republic, the consequences of slave culture to the course of American history, and the promises and failures of Reconstruction. The student will come to understand the multiple and inter-related forces relevant to the early years of the republic.	3	05, 07
HIST	1210	History of the United States Since 1877	This course focuses on the major social and cultural issues in United This course focuses on the major cultural, social and political issues in United States history from the late nineteenth century Gilded Age through the end of the twentieth century. We look at the influence of the industrial revolution, the impact of increasing levels of European and Asian immigration, the rise of organized labor, the Great Depression, the Cold War, the impact of United States foreign policy, and countercultural movements. The student will gain insight into the aspects that are most crucial for a solid understanding of the nation's history.	3	05, 07
HIST	1270	Race in America	This course investigates the role played by race in the shaping of United States history. We examine the concept of race and the historical relationships in America between those of African, Asian, European, and Native descents. We will examine Reconstruction, the Civil Rights Movement and current racial issues. The goal is to broaden student understanding of United States history by a focused study of its multi-faceted racial relationships throughout the centuries.	3	05, 07
HIST	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
HIST	2500	World Regional History	Each semester this course is devoted to the history of a specific world region, and the region will change from semester to semester. The goal is to provide the student with the opportunity for an in-depth study of specific societies and specific cultures from around the world. The course may be repeated for credit under a different subtitle as the subject matter changes.	3	05, 08

HIST	2600	Intellectual History	This course will examine cultural, religious, artistic, and scientific ideas in their historical contexts, explore arguments regarding the manner in which particular ideas both reflect and create the values of their own time, and investigate the manner in which certain ideas are viewed retrospectively from various subsequent historical periods. The class will read a variety of intellectual and imaginative works that will illustrate the process by which ideas are transmitted historically, and specific ideas considered will include but will not be limited to fundamentalism, nationalism, romanticism, and totalitarianism.	3	05, 09
HIST	2700	History and Popular Culture	This course examines the relationship between history and popular culture, with an emphasis on the value of popular culture entertainment as a historical source for both the past and the present. We will examine several examples of popular culture entertainment (including but not limited to film, novels, comics, etc) that are set in a historical period. Students are expected to gain a working knowledge of the historical periods depicted in selected popular culture sources, as well as the historical periods in which the sources were produced. Students will also examine questions of ethical representation of the past in popular culture. Through this course, students will begin to develop the skills necessary to analyze various types of sources as historical evidence. It is recommended that students complete a 1000-level history course and a semester of college English before taking this course.	3	05, 09
HIST	2900	Applied History	This course is a writing-intensive research methods course that incorporates a service-learning component. Students will learn how to use and interpret various historical sources, such as archival material, oral history, photographs and video. Students will also learn how to use and interpret secondary source materials. The goal of the course is for the students to produce a publishable-quality research paper on a topic related to local history, with an emphasis on the relationship between local history and larger historical developments at the state, national, and/or global level. Prerequisite: Any 1000 level history class; English 1201-1202 Sequence	3	
HLTH	1030	Personal and Community Health	Personal and Community Health addresses itself to the needs and issues of the individual as related to current health matters in today's society. Our life style and modern society both contribute and detract from the holistic health concept. This class will assist the student in developing a plan for achieving and maintaining his/her personal health.	3	

HLTH	1040	Current Health Issues and Human Behavior	Current Health Issues and Human Behavior is a course which will examine how biological, psychological, and social factors work together to explain health and illness. This course will focus on current health models, such as the biopsychosocial model, that help explain why some people become ill and others do not. This class has an integrative health approach in treating the whole person who may have disease and illness caused by genetic factors and/or environmental factors. Another very important aspect of this course will be to interpret and discuss the various theories of change in human behavior and how they relate to health. After participating and completing coursework, students should understand the (positive and negative) contributing roles that psychological and social factors have on biological processes in the body.	3	
HLTH	1050	Stress Management	Stress is one of the most commonly referred to, but least understood, of all health problems. This class is designed to examine the differences between stress and personal challenges with an emphasis on the importance of the role of perception in distinguishing between the two. This course will also examine the many common sources of stress for most people and practice strategies for managing these stressors. The students will also discover how to control their stress instead of letting their stress control them.	3	
HLTH	1060	Drugs and Health	This course examines how drugs will relate with and affect holistic health, with a focus on the physiological, sociological and psychological effects these drugs may have on an individual and their relationships. The emphasis of this course is on the basic tools and information needed to understand and interact with individuals who may have problems with chemicals. It is designed to provide current information regarding the various drugs in society today.	3	
HLTH	1070	Nutrition	This course is designed to introduce the student to the fundamental truths of nutrition principles, health promotion and disease prevention throughout life. Topics include, in part, the study of carbohydrates, fats, protein, vitamins, and minerals and their function and role in healthy living. It will provide introductory nutritional information for career paths in nursing and other similar fields of study.	3	
HLTH	1080	Consumer Health	This course examines current consumer health issues in society. Class content will include the examination of health care products, the food and drug industry, and our ability to create a safe living environment. This course will also include plans of action that we, as a society, can take to become better health consumers.	3	
HLTH	1100	Responding to Emergencies: First Aid	This course is designed to provide students with basic First Aid. Students will learn basic knowledge of body functions, skills, and techniques to correctly and appropriately manage emergency care. At the close of the semester, a successful student will receive the current certification for community CPR, AED, and First Aid.	3	
HLTH	1250	Wellness for Life	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health of the individual. EXSC 1250 and HLTH 1250 are the same: credit may not be earned for both. (2 hrs lecture, 2 hrs lab)	3	

HLTH	1600	Emergency Medical Responder	The course provides training in emergency medical care for persons who are apt to be responding to accidents. The course emphasizes the development of skills in patient assessment and emergency medical procedures. The goal is to prepare you for work in the emergency medical arena as a first responder. The course will provide you with the information needed to make competent decisions regarding medical and trauma patients.	3	
HLTH	1900	Healthy Sexuality	Healthy Sexuality will examine how the dimensions of wellness--physical, intellectual, emotional, social, spiritual, environmental and occupational-- influence our sexual health. It is also the intention of this class to show how healthy expressions of sexuality can improve one's overall wellness.	3	
HLTH	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
HLTH	2030	Global Health	This course examines the historical context of global health and emerging global health priorities, including infectious diseases, poverty, health inequity, health care systems and major global initiatives for disease prevention and health promotion.	3	
HLTH	2060	Concepts of Addiction	This course discusses chemical use, misuse, abuse, and dependence. The focus of this class is the role of biopsychosocial factors in the development and progression of addiction. The content of this class will also include information regarding intervention, assessment, and treatment. Prerequisite: Hlth 1060 Drugs and Health or Instructor Consent	3	
HONR	1000	Honors Seminar	The Honors Seminar is an in-depth exploration of a specific topic using various avenues or techniques of inquiry. The topics will cover a wide variety of issues based on faculty expertise and interest. Students must be members of the Honors Program, members of Phi Theta Kappa, or have permission and a minimum GPA of 3.5.	1	
HSEM	1000	Honors Seminar	The Honors Seminar is an in-depth exploration of a specific topic using various avenues or techniques of inquiry. The topics will cover a wide variety of issues based on faculty expertise and interest. Prerequisite: Students must be in the Honors Program and/or PTK or have permission and a minimum GPA of 3.5.	1	
HSEM	1990	Honors Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter. A student must be admitted to the Honors Program or PTK with a 3.5 GPA or better or with permission.		
HSEM	2000	Honors Topic:	Honors Topics	2	
HSER	1100	Introduction to Human Services	This course introduces students to the field of Human Services. Course describes history, worker roles, and current career trends in the field. Students are required to participate in hands-on experience through service learning. Prerequisites: Completion of ESOL 1260: College Writing Skills Development plus ESOL 1230: College Reading and Study Skills or above with a grade of C or better.	3	

HSER	1200	Multicultural Awareness in Human Services	This class examines attitudes and enhances knowledge and skills that are necessary to work effectively with culturally diverse populations in the human services field. Students will explore their own and other's cultural identities, values, attitudes, and behaviors. Adjusting services to the multicultural needs of individuals who are served will be emphasized. Prerequisites: Completion of ESOL 1260: College Writing Skills Development plus ESOL 1230: College Reading and Study Skills or above with a grade of C or better	3	
HSER	1300	Crisis Assessment and Intervention	Presents basic concepts of crisis assessment, intervention, and referral. The application of strategies and techniques with a discussion of intervention, assessment, and referral models is included. An overview of interventions for specific crisis will be reviewed. An assessment model for making appropriate referrals is presented. Co-Requisite: HSER 1400	3	
HSER	1400	Basic Counseling Skills	Introduces basic counseling and interviewing skills. Students will learn and apply skills that range from basic attending and listening skills to chart documentation and treatment planning. Co-Requisite: HSER 1300 Prerequisites: HSER 1100 and HSER 1200	3	
HSER	1500	Group Processes	Focuses on the development of communication skills and self-awareness important in the roles of group membership and leadership. Provides an understanding of the evolution and function of therapeutic groups. Emphasizes the development of knowledge and skills. Prerequisites: HSER 1100, HSER 1200 and HSER 1400	3	
HSER	1600	Loss and Grief	Review dynamics of loss and grief across the lifespan and how grief impacts families and children. Students will learn to identify, assess, and intervene in grief situations while exploring gender differences. The course will incorporate journal assignments and experiential activities designed in the healing of each persons grief journey. Prerequisites: HSER 1300 Co-Requisites: HSER 1700	2	
HSER	1700	Family Functions and Interactions	The course offers an introduction to family systems theory, normal and problematic family systems and family functioning concepts. The impact and effects of family on individual development is also explored. Students will examine family violence including the impact of chemical dependency, social and the psychological roots of violence. Co-Requisite: HSER 1600	3	
HSER	1800	Mental Disorders Through the Life Span	The course introduces an overview of the range of mental disorders throughout the lifespan including those impacting children and the elderly. Students will learn to identify signs and symptoms of each disorder in addition to learning basic skills and therapeutic treatments that effectively help individuals who have mental disorders. Prerequisite: HSER 1400	3	

HSER	1900	Current Human Services Topics	This course examines current topics and issues specific to the field of Human Services. Students will take an active role in the research and presentation of topics in the course. Prerequisites: HSER 1100 and HSER 1200	3	
HSER	2100	Human Services Seminar	The course provides an opportunity for human services students to create and implement projects for the development of personal knowledge and skill using a seminar approach. Students should be aware that a Minnesota Department of Human Services background study and fingerprinting is required. Prerequisites: HSER 1100, HSER 1400, and HSER 1500 Co-Requisite: HSER 2101	1	
HSER	2101	Human Services Internship	This course is a capstone off campus experiential-learning component for the Human Services program. Students will spend 240 hours at a human services internship site to have the opportunity to gain experience, enhance their knowledge and further develop skills learned in the program. Students should be aware that a Minnesota Department of Human Services background study and fingerprinting is required. Prerequisites: HSER 1100, HSER 1400, and HSER 1500 Co-Requisite: HSER 2100	6	
HTN	1000	Clinical Laboratory Basics	This course will introduce the student to the general role of health care provider as well as the specific role of the Histoechnician. Basic aspects of chemical safety, laboratory safety, quality assurance, microscopy, pipetting techniques, and laboratory mathematics also will be presented. Prerequisite: Admission to the Histotechnology Program	1	
HTN	1001	Histotechniques I	This course will introduce current theory and practice in histotechnology including specimen processing and preservation, tissue embedding, histology instrumentation, microtomy, and the theory of routine H&E staining. Prerequisite: Biol 1001	4	
HTN	1002	Histotechniques II	This course is a continuation of Histotechnique I with emphasis on reinforcement of fundamental principles of histology. Procedures and maintenance of basic histology instruments will be introduced. Students will be expected to achieve entry-level competencies in basic lab techniques and additional techniques will be practiced. Prerequisites: HTN 1001	2	
HTN	2003	Histotechniques III	This course is a continuation of Histotechnique II with emphasis on additional reagents used for techniques previously covered, maintenance of instrumentation, slide preparation, and processing of biopsy specimens. Prerequisites: HTN 1002	3	
HTN	2100	Special Stains	Preparation of chemical reagents for the histology lab will be discussed and performed. The theory, practice, and microscopic evaluation of staining procedures for various applications will be covered. Prerequisites: Concurrent with HTN 2003	4	

HTN	2150	Special Procedures	Lectures and labs will build on skills learned and practiced in Histotechnique I and II. Reprocessing specimens for better results will be practiced with the use of simulated labs to emphasize organization and teamwork. Specialized procedures will be introduced including cryotomy, immuno-histochemistry, and cytology preparation. Prerequisites: Concurrent with HTN 2003	2	
HTN	2200	Histo-Anatomy	This course focuses on the description of microstructures of human organs and on cellular components of specific organs. Microscopic identification of these cellular components will be practiced. Prerequisites: Biol 2111 and Biol 2112	1	
HTN	2300	Histology Clinical Experience	This course gives students clinical experience necessary to develop entry-level technical skills in all aspects of the histology laboratory under the supervision of certified histotechnicians, histotechnologists, and pathologists. Emphasis will also be placed on acquiring effective team skills and preparation for the practical component of the certification exam. Prerequisites: Successful completion of all program-required general education and histotechnology courses	12	
INTD	2260	Environmental Education Seminar and Internship	This course serves as the capstone course for the Environmental Education Certificate program. It is offered to qualified students, allowing them to gain personal and practical experience in various areas of the environmental education field. Internships include but are not limited to working in environmental laboratories, natural resources conservation, restoration of natural areas, and local park districts or outdoor non-profits. This course is designed to ready the student for transition from the classroom to the work place through 150 hours of internship/practical work experience at an approved host site. This course will measure the students learning and mastery of the programs goals and objectives. Prerequisite: Instructor Consent Only	3	
MATH	0700	Basic Mathematics	This course focuses on developing number sense and by-hand operation skills on whole numbers: addition, subtraction, multiplication, and division. Other topics include place-value and order, rounding and estimation, fraction number sense, order of operations, and straightforward one-step application problems. Optional topics may include geometry, simplifying fractions, the four operations with fractions, and number sense regarding decimals. Credit does not apply to a degree. This course is graded on a pass/no credit basis. Students needing work with the four operations on whole numbers should take this course before taking Math 0800.	1	
MATH	0800	Pre-Algebra	The focus of this course is preparing students for the algebra sequence. Students needing work with whole numbers should take Math 0700. Topics covered include: identifying algebraic components, combining like terms, using the distributive property, performing operations with integers, fractions, and decimals; and solving problems involving ratios, proportions, and percents. Credit does not apply to a degree. Prerequisite: Placement test or successful completion of Math 0700	3	

MATH	0800	Pre-Algebra	The focus of this course is preparing students for the algebra sequence. Application of topics should be emphasized. Topics covered include: performing operations with integers, fractions, & decimals; solving application problems involving integers, fractions, & decimals; performing basic algebra skills including identifying algebraic components, combining like terms, & using the distributive property; & introduction to percents. Credit does not apply to a degree. Prerequisite: Placement Test	3	
MATH	0801	Math Foundations	This is a skills based course meant to prepare students for Math 0900, Mathematical Literacy. Students will improve their number sense and by-hand operation skills with whole numbers, fractions, mixed numbers, and decimals. Other topics will include place-value and order, rounding and estimation, and order of operations, all with a focus on fractions and decimals. Credit does not apply to a degree. Prerequisite: Placement Exam	1	
MATH	0900	Mathematical Literacy	In this course, students will develop the necessary mathematical reasoning skills to succeed in a wide variety of college-level courses, including Math 1010, 1031, 1130, 1140 and other courses outside the math department. Students will solve realistic, interesting problems incorporating numeracy, proportional reasoning, algebraic reasoning, and functions. Students will be expected to use mathematical terminology appropriately in written communication. Additional coursework may be required for students pursuing a STEM degree. Prerequisites: Placement test or successful completion of Math 0800.	5	
MATH	0901	Introduction to Algebra	This is the first course in a two-course developmental algebra sequence and assumes no background in algebra on the part of the student. The course emphasizes acquisition of by-hand skill. The primary topics of the course are: linear equations and inequalities, polynomial algebra, polynomial factoring, and rational expression algebra. Additional topics include applications, absolute value, integer exponents, and more equation solving. Credit does not apply to a degree. Prerequisite: Math 0800 with a "C" or better or Placement Test	4	
MATH	0901	Introduction to Algebra	This course assumes only that the student have a working knowledge of operations with real numbers and pre-algebra. Topics include solving and graphing linear equations and inequalities, integer exponents, polynomial algebra, polynomial factoring, proportional reasoning (rates, ratios, proportions, and percents), units and unit/dimensional analysis (including the metric system), geometry of two and three-dimensional figures. This course emphasizes applications for all topics and the acquisition of by-hand skill. Credit does not apply to a degree. Prerequisite: Placement Test or successful completion of Math 0800.	4	

MATH	0902	Intermediate Algebra	This is the second course in a two-course developmental algebra sequence. The course emphasizes acquisition of by-hand skill. The primary topics of the course are: introduction to functions, linear functions, radicals and rational exponents, quadratic equations and inequalities, and systems of equations, particularly linear equations. Additional topics may include exponential and logarithmic functions and their graphs. Credit does not apply to a degree. Prerequisite: Math 0901 with a "C" or better or Placement Test	4	
MATH	0902	Intermediate Algebra	Topics include introduction to functions, rational expressions and equations, radicals and rational exponents, quadratic equations and inequalities, absolute value equations, and systems of linear equations. This course emphasizes applications for all topics and the acquisition of by-hand skill. Credit does not apply to a degree. Pre-requisite: Placement test or successful completion of Math 0901 with a "C" or better.	4	
MATH	0970	Bridge to College Algebra	This course is designed for students who have successfully completed Math 900 or Math 990 and wish to prepare for Math 1150. Topics covered include linear equations and inequalities, integer and rational exponents, polynomial algebra, polynomial factoring, rational expression algebra, complex numbers, and quadratic equations. This course emphasizes the acquisition of by-hand skill. Credit does not apply to a degree. Prerequisite: Successful Completion of Math 900, Math 990 or placement exam	2	
MATH	0980	Pre College Algebra	A very accelerated combination of Math 901 and Math 902 in one semester. This course is designed for students who have successfully completed algebra courses in the past. Topics covered include linear equations and inequalities, integer and rational exponents, polynomial algebra, polynomial factoring, rational expression algebra, introduction to functions, quadratic equations and inequalities and systems of linear equations. Additional topics may include exponential and logarithmic functions and their graphs. This course emphasizes the acquisition of by-hand skill. Credit does not apply to a degree. Prerequisite: Placement Test	5	
MATH	0990	Statway Statistics I	This is the first course in a two-course sequence. Students in this course are required to take the following course, Math 1090 in the following semester. Topics for both courses include concepts and methods of statistics with an emphasis on data analysis. Topics include methods for collecting data, graphical and numerical descriptive statistics, correlation, simple linear regression, basic concepts of probability, confidence intervals and hypothesis tests for means and proportions, and chi-square tests. Prerequisite: Math 0800 or Placement Test	5	
MATH	0999	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

MATH	1010	Survey of Mathematics	Designed for the liberal arts student, this course explores the diversity of math and is focused on developing quantitative skill and reasoning ability. Topics are chosen by the instructor and may include but are not limited to: logic, problem solving, and data analysis, mathematics of social choice, geometry, financial mathematics, infinity, topology, and probability. Prerequisites: College math placement level or successful completion of Math 0900 or 0902 or 0980 or 1031 or 1130 or 1140 with grade of "C" or better.	3	04
MATH	1031	Math for Elementary Education I	This is the first of a two-course sequence designed for prospective elementary education majors. Students will develop a deep understanding of elementary mathematics and the ability to effectively communicate mathematical ideas. The course focuses on heuristics for mathematical problem solving in the contexts of place value and number systems; operations with whole numbers, integers, fractions, and decimals; and rates, ratios, proportions, and percentages. Prerequisites: College math placement level or successful completion of Math 0900 or 0902 or 0980 or 1010 or 1130 or 1140 with a grade of ¿C¿ or better.	3	
MATH	1032	Math for Elementary Education II	This is the second of a two-course sequence designed for prospective elementary education majors. Students will develop a deep understanding of elementary mathematics and the ability to effectively communicate mathematical ideas. The course focuses on heuristics for mathematical problem solving and reasoning in the contexts of geometry, measurement, probability, and statistics. Prerequisites: Successful completion of Math 1031 with grade of "C" or better.	3	
MATH	1090	Statway Statistics II	This is the second course in a two-course sequence. Students in this course are required to have taken the preceding course, Math 0990 in the previous semester. Topics for both courses include concepts and methods of statistics with an emphasis on data analysis. Topics include methods for collecting data, graphical and numerical descriptive statistics, correlation, simple linear regression, basic concepts of probability, confidence intervals and hypothesis tests for means and proportions, and chi-square tests.	4	04
MATH	1090	Statway Statistics II	This is the second course in a two-course sequence. Students in this course are required to have taken the preceding course, Math 0990 in the previous semester. Topics for both courses include concepts and methods of statistics with an emphasis on data analysis. Topics include methods for collecting data, graphical and numerical descriptive statistics, correlation, simple linear regression, basic concepts of probability, confidence intervals and hypothesis tests for means and proportions, and chi-square tests.	4	02
MATH	1130	Elementary Statistics	This is an introductory course in descriptive statistics, probability, random variables, and inferential statistics. Topics include exploratory data analysis, measures of central tendency, measures of dispersion, linear regression, basic probability, binomial and normal distributions, the central limit theorem, confidence intervals and hypothesis tests. Additional topics may include inferential procedures for two populations, analysis of variance and chi-squared tests. Prerequisites: College math placement level or successful completion of Math 0900 or 0902 or 0980 or 1010 or 1031 or 1140 with grade of "C" or better.	3	04

MATH	1140	Finite Mathematics	This course is designed primarily for the non-science major. Several business and financial applications are covered. These applications may include systems of equations, linear programming (maximizing profit, minimizing cost), the interdependence of different sectors in an economy, and interest rates as they pertain to credit cards, short-term loans, and mortgages. Although some computer applications may be included, no prior experience is necessary. Additional topics may include: introductory statistics and probability, combinatorics (the number of ways of arranging objects), game theory, coding, and Markov chains (multi-step games/decisions). Prerequisites: College math placement level or successful completion of Math 0902 or 0903 or 0980 with grade of "C" or better	3	04
MATH	1140	Finite Mathematics	This course is designed primarily for the non-science major. Several business and financial applications are covered. These applications may include systems of equations, linear programming (maximizing profit, minimizing cost), the interdependence of different sectors in an economy, and interest rates as they pertain to credit cards, short-term loans, and mortgages. Although some computer applications may be included, no prior experience is necessary. Additional topics may include: introductory statistics and probability, combinatorics (the number of ways of arranging objects), game theory, coding, and Markov chains (multi-step games/decisions). Prerequisite: Placement into Math 902 or successful completion of Math 0900 or 0901 or 0980 or 1010 or 1031 or 1130 with grade of "C" or better.	3	04
MATH	1150	College Algebra	This college-level course continues the study of algebra conducted in the developmental algebra courses. Topics include polynomial, rational, inverse, exponential, and logarithmic functions and their applications. Additional topics include systems of non-linear equations, systems of linear equations, and matrices. Prerequisites: College math placement level or successful completion of Math 0902, 0903, or 0980 with grade of "C" or better	3	04
MATH	1170	Pre-Calculus	This is a comprehensive course in trigonometry which also includes extended topics in algebra. Topics include trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, applications of trigonometry, conic sections, and sequences and series. Additional topics may include mathematical induction, combinations and permutations, the binomial theorem and systems of nonlinear equations. Prerequisites: College math placement level or successful completion of Math 1150 with grade of "C" or better	4	04

MATH	1180	College Algebra and Pre-Calculus	This course is a very accelerated combination of Math 1150 and 1170 in one semester. It is recommended for strong students or can be used also as a refresher course for students who have successfully completed those two courses in the past. Topics include polynomial, rational, exponential, logarithmic, trigonometric, and inverse trigonometric functions. Additional topics may include polar coordinates, vectors, parametric equations, conic sections, and sequences and series. Prerequisite: College math placement level	5	04
MATH	1200	Calculus Survey	This course in differential and integral calculus is designed for those students who require only one semester of calculus. The emphasis is on methods and applications of calculus rather than on theory, with the applications primarily from business. Students who wish to take more than one semester of calculus should enroll in Math 1221. Prerequisites: College math placement level or successful completion of Math 1150 or Math 1180 with grade of "C" or better	3	04
MATH	1221	Calculus I	This course is a thorough treatment of differentiation and an introduction to integration. Topics include the definition of derivative, limits and continuity, differentiation, applications of the derivative, definite and indefinite integrals, the Fundamental Theorem of Calculus, techniques of integration, and applications of integration. Prerequisites: College math placement level or successful completion of Math 1170 or Math 1180 with grade of "C" or better	5	04
MATH	1222	Calculus II	This course continues the study of the definite and indefinite integrals and leads to a study of improper integrals and infinite series. Topics include advanced techniques of anti-differentiation, numerical integration techniques and error bounding, applications of the integral, improper integrals, an introduction to differential equations, infinite series, parametric equations, and polar coordinates. Prerequisites: Successful completion of Math 1221 with grade of "C" or better	5	04
MATH	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
MATH	2000	Discrete Mathematical Structures	This course includes topics of the mathematical methods of computer science: logic, combinatorics, recursion, complexity analysis, graph theory, Boolean algebra, and mathematical induction. Prerequisite: Math 1221	4	
MATH	2010	Probability and Statistics	This is a calculus-based first course in the study of probability and statistics. Topics include descriptive statistics, general probability theory, random variables, sampling distributions, estimation, and hypothesis testing. Additional topics may include two-sample inference, linear regression, analysis of categorical data, analysis of variance, and quality and reliability. Prerequisite: Math 1222 with grade of "C" or better	3	04

MATH	2220	Calculus III	Topics in this course include solid analytic geometry, vectors in space, scalar and vector products, vector functions and derivatives/integrals, multi-variable functions, partial derivatives, alternative coordinate systems, and double and triple integrals. The geometry of space curves, line and surface integrals, cural and gradient divergence, and Stokes' theorem are also included. Emphasis will be on learning relevant mathematical methods. Prerequisites: Successful completion of Math 1222 with a grade of "C" or better	5	04
MATH	2300	Linear Algebra	This course includes vectors and vector spaces, matrices, matrix algebra, linear systems of equations, determinants, linear transformations, eigenvalues and eigenvectors. Prerequisites: Successful completion of Math 1222 with grade of "C" or better	3	04
MATH	2400	Differential Equations	The content of this course covers first and second ordinary differential equations with applications, higher order linear equations, constant coefficients, differential operators, variation of parameters, power series methods and Laplace transforms. Prerequisites: Successful completion of Math 1222 with grade of "C" or better	3	04
MLT	1000	Clinical Laboratory Basics	This course will introduce the student to the general role of health care provider as well as the specific role of the Medical Laboratory Technician. Basic aspects of medical terminology, laboratory safety, quality control, microscopy, pipetting techniques, laboratory mathematics, and venipuncture technique also will be presented. Prerequisite: Admission to MLT Program	1	
MLT	1100	Clinical Urinalysis/Body Fluids	This course will include lab skills such as pipetting, microscopy and centrifugation; review of the anatomy and physiology of the kidney, role of the kidney in disease; physical, chemical and microscopic properties of urine; and clinical correlation of lab results. Other body fluids and seminal fluid analysis will be reviewed in the lecture portion and laboratory portion. Prerequisite: Admission to the MLT program Strongly Recommended: BIOL 1001 and BIOL 1120	2	
MLT	1200	Clinical Laboratory Instrumentation	This course covers basic physical operating principles, care/maintenance and problem-solving skills of clinical laboratory instruments. Prerequisite: Admission to the MLT Program	1	
MLT	1200	Clinical Laboratory Instrumentation	This course will introduce the student to the basic operation and associated functions related to selected laboratory instruments and equipment. Prerequisite: Admission to MLT Program	1	
MLT	1250	Clinical Immunology	This course introduces students to the basic elements of the immune system and provides for application of the principles of immunology to immunologic techniques utilized in the clinical laboratory. Prerequisite: Admission to the MLT Program; MLT 1000 Clinical Laboratory Basics	2	
MLT	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

MLT	2050	Clinical Hematology	The course will include development, normal and abnormal characteristics of the cellular elements of the blood; the basic techniques and instrumentation utilized in the hematology laboratory; the theory and techniques of coagulation studies; and the clinical correlation of all procedures. This course will include development, normal and abnormal characteristics of the cellular elements of blood; the basic techniques and instrumentation utilized in the hematology laboratory; the theory and techniques of coagulation studies; and the clinical correlation of all procedures. Prerequisite: Admission to the MLT Program MLT 1000, 1100 and 1200.	4	
MLT	2080	Clinical Microbiology	This course covers the isolation, identification, and significance of clinically associate bacteria, mycobacteria, fungi, and parasites. Prerequisite: Admission to the MLT Program and Biol 1001 or Biol 1101	4	
MLT	2100	Clinical Chemistry	This course introduces the basic principles, procedures, and correlations of the clinical chemistry laboratory. The theory of basic laboratory instrumentation and procedures will be discussed and practiced. Prerequisite: Admission to the MLT Program; MLT 1000 and 1200 and Chem 1062.	4	
MLT	2150	Clinical Immunohematology	This course will include principles of immunohematology and transfusion service procedures, including blood typing, antibody screening, compatibility testing, antibody identification, problem resolution, hemolytic disease of the newborn, and transfusion therapy. (two hours lecture, three hours lab) Prerequisite: Admission to the MLT Program; MLT 1250 and MLT 2050.	3	
MLT	2310	Applied Phlebotomy	The course provides the student with experience in phlebotomy skills. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic Courses	1	
MLT	2320	Applied Hematology	This course is designed to give the student clinical experience in the area of hematology and body fluids. Prerequisite: Admission to the MLT Program. Completion of MLT Didactic Courses	2	
MLT	2330	Applied Coagulation	This course is designed to give the student clinical experience in the area of coagulation. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic courses	1	
MLT	2340	Applied Urinalysis	This course is designed to give the student clinical experience in the area of urinalysis. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic Courses	1	
MLT	2350	Applied Microbiology	The course is designed to give the student clinical experience in the area of microbiology. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic Courses	2	
MLT	2360	Applied Immunohematology	This course is the application of immunohematology policies and procedures in the clinical transfusion service setting. Students will perform pretransfusion compatibility testing in accordance with the American Association of Blood Bank Standards. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic Courses	2	
MLT	2380	Applied Chemistry	The course provides the student with experience in the clinical chemistry laboratory as well as study in the theory and principles involved. Prerequisite: Completion of MLT Didactic Courses	2	

MUSC	1130	College Choir	This course includes the study and performance of choral repertoire. Through active learning students will participate in collaborative artistic study culminating in choral performance of works from a variety of cultures and historical periods. The day section of choir meets twice per week and the night section of choir meets once per week. May be repeated for credit.	1	06
MUSC	1150	Chamber Singers	This course is a select auditioned group of singers which will perform a wide spectrum of choral repertoire from Madrigals to Vocal Jazz. Auditions will be held early fall semester for the yearly commitment. This group meets twice per week. May be repeated for credit.	1	
MUSC	1160	Large Instrumental Ensemble	This course is an instrumental performance ensemble that plays a variety of musical literature. Enrollment is open to all students who are able to minimally play their instrument at a High School level. The ensemble is open to all students who meet this criterion. Students should provide their own instrument. Percussionists should provide their own sticks/mallets. This group meets once/week. May be repeated for credit. NOTE: Student should be able to minimally play instrument at a High School level NOTE: Student should be able to minimally play their instrument at a High School level	1	06
MUSC	1170	Instrumental Jazz Ensemble	This course is an instrumental performance ensemble that plays a variety of jazz literature. Enrollment is open to all students who are able to read written musical notation for their instrument. Ensemble is open to all students. Students should provide their own instrument. This group meets once per week. May be repeated for credit. NOTE: Student should be able to minimally play instrument at a High School level	1	06
MUSC	1180	Small Group Performance Ensemble	This course is a small ensemble performance opportunity. An ensemble work may be made up of strings, percussion, winds, guitars, voice, or any instrumental grouping that may be possible depending on need and interest. Depending on their primary instrument, a student will be placed in a section of this course that corresponds to their instrument. The ensemble will play a variety of composed and/or improvised literature. Primarily for AFA music students, the course is open to all who have the ability to read musical notation and perform competently. However, permission for placement into the course is required. Music faculty must be consulted for placement in the appropriate section. Weekly rehearsals and end-of-semester performance is required. Additional rehearsals may be required. May be repeated for credit.	1	06

MUSC	1200	Fundamentals of Music	This general course in music fundamentals includes basic theory, sight singing, piano keyboard, creative activity, and student demonstration. Through the understanding and application of the elements of music, students will be able to distinguish cultural styles and genres.	3	06
MUSC	1220	Survey of Western Music	This general cultural course is designed to develop an understanding and enjoyment of music. It includes a study of music in western civilization. In addition some world music topics will be addressed. Emphasis is upon class listening supplemented by historical background. Live concert attendance may be required.	3	06
MUSC	1220	Survey of Western Music	This general cultural course is designed to develop an understanding and enjoyment of music. It includes a study of music in western civilization. In addition some world music topics will be addressed. Emphasis is upon class listening supplemented by historical background. Live concert attendance may be required.	3	08
MUSC	1241	Music Theory I	This course is the first of a four semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory I and Music Theory II are: notation, intervals, rhythm, scale patterns, melodic forms, harmonic conventions, four-part chorale structure, formal structure (binary, ternary). While this course is open to all, to be successful in this course, entering students must have a solid knowledge of note names, scale patterns and note rhythms such as that learned in MUSC 1200 Fundamentals of Music. This course is required for AFA music majors.	3	06
MUSC	1242	Music Theory II	A continuation of Music Theory I, this course is the second of a four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory I and Music Theory II are: notation, intervals, rhythm, scale patterns, melodic forms, harmonic conventions, four-part chorale structure, formal structure (binary, ternary). This course is required for AFA music majors.	3	06
MUSC	1251	Ear Training and Sight Singing I	This course is the first of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. While this course is open to all, to be successful in this course, entering students must have a solid knowledge of note names, scale patterns and note rhythms such as that learned in MUSC 1200 Fundamentals of Music. This course is required for AFA music majors.	2	
MUSC	1252	Ear Training and Sight Singing II	This course is the second of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2	
MUSC	1300	Music in World Cultures	This course teaches music primarily from non-Eurocentric cultures which may include but is not limited to Indian, Indonesian, Chinese, Japanese, Middle Eastern, African, Native American, and African American. Through their studies of the diversity of world music, students will develop a broader understanding and appreciation of other cultures.	3	06, 08

MUSC	1350	History of Rock 'n Roll	This course may include but is not limited to early American music, jazz, American musical theater, pop, rock, and rap. The history of popular music in Western Culture will be presented. Students will learn to identify the music styles contained under the broad umbrella of Rock 'n Roll. Students will also learn about the historical, social, cultural and political influences on popular music.	3	06
MUSC	1501	Class Guitar I	This course is open to all students. It is designed for beginners or for guitar students wishing to fill in gaps in their knowledge from previous musical experience. It covers basic guitar techniques and musicianship skills used in a variety of different styles of music. Students will also study different types of written musical notation. It also introduces improvisation and song writing. Student must provide their own guitar (preferably acoustic) in good playing condition.	2	06
MUSC	1502	Class Guitar II	This course is for the advanced beginning guitar student who has completed MUSC 1501, Class Guitar I, guitar students wanting to fill in gaps in their knowledge from previous musical experience, or wanting to continue their guitar studies in a classroom environment. To be successful in this class, the student should have completed MUSC 1501 Guitar Class I or be at the appropriate skill level. It covers guitar techniques and musicianship skills used in a variety of different styles of music. Students will also study different types of written musical notation, as well as improvisation and song writing. Student must provide their own guitar (preferably acoustic) in good playing condition.	2	06
MUSC	1510	Applied Music: Guitar	This course is open to all students and consists of private guitar instruction lessons of 1/2 hour per week (during fall and spring semesters). Students, beginners through advanced, can, in consultation instructor, pick areas of focus depending on their tastes and needs. These may include: guitar technique (i.e. chords, scales finger-picking) theory, reading, ear-training, analysis, improvisation, repertoire development and interpretation. This course may be repeated for credit. Special Music Fees apply. Student must provide their own guitar (preferably acoustic) in good playing condition.	1	06
MUSC	1600	Class Voice	This course is devoted to basic vocal techniques and skills. Students will learn different styles of song from various cultures and historical periods and will learn to evaluate the fundamentals of the creative process as expressed through vocal performance. This course is open to non-music majors.	2	06
MUSC	1610	Applied Music: Voice	This course is private voice instruction with lessons of one-half hour per week. Students will expand upon basic vocal technique and skills and will extend their technical ability and style interpretation skill through vocal repertoire from various cultures and historical periods. Students will extend their ability to interpret and create artistic expression through song. This course may be repeated for credit. Special "Music Fees" apply. MUSC 1600 Class Voice strongly recommended before taking this course."	1	06

MUSC	1801	Class Piano I	This course offers basic piano instruction and technique for the student with no previous training in piano. Students will learn basic piano techniques and skills and be introduced to different playing styles. Students will be introduced to music and history of different cultures as related to the piano.	2	06
MUSC	1802	Class Piano II	The purpose of the course is to build upon skills and musicianship begun in Class Piano I, allowing the student to continue gaining a better understanding of playing the piano and a greater appreciation of music in general. Both technique and musicianship will be addressed. Scales and/or exercises and music theory will be part of every class lesson. To be successful in this class, the student should have completed MUSC 1801 Class Piano I or be at the equivalent skill level.	2	06
MUSC	1810	Applied Music: Piano	This course is private piano instruction with lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon basic piano technique and skills and will extend their technical ability and style interpretation skill through piano repertoire from various cultures and historical periods. Students will extend their ability to interpret and create artistic expression through piano literature and performance. This course may be repeated for credit. Special "Music Fees" apply.	1	06
MUSC	1830	Applied Music: Strings	This course is private instruction on a stringed instrument (violin, viola, cello, bass) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon basic technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument.

This course may be repeated for credit.   Special "Music Fees" apply. | 1 | 06 |
| MUSC | 1850 | Applied Music: Percussion | This course is private instruction on percussion instruments (e.g., drums, xylophone, marimba, or tympani) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument.

This course may be repeated for credit.   Special "Music Fees" apply. | 1 | 06 |

MUSC	1860	Applied Music: Brass	This course is private instruction on a brass instrument (e.g., trumpet, trombone, French horn, baritone, tuba) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1	06
MUSC	1870	Applied Music: Woodwinds	This course is private instruction on a woodwind instrument (saxophone, flute, clarinet, oboe or bassoon) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1	06
MUSC	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
MUSC	2010	Advanced Applied Music Lessons	This course is private instruction for advanced students on their instrument (voice, piano, guitar, brass, woodwinds, strings, percussion) with lessons of one hour per week. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on their instrument. Students' advanced technical expertise will be incorporated into artistic expression and interpretation of repertoire that challenges their technique and demands artistic finesse and critical analysis. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply. Admission to this course is by permission only. PLEASE CONTACT THE INSTRUCTOR FOR PERMISSION TO REGISTER.	2	06
MUSC	2170	History of Music I: Medieval Through Classical Eras	This course is a historical survey primarily of music rooted in the European tradition. The timeframe of study will focus on eras referred to as the Medieval, Renaissance and Baroque periods with some references to the roots of western music in ancient cultures. Music will be studied from the viewpoints of musical styles, genres, performance practices, as well as cultural and historical contexts of those eras.	3	06, 08
MUSC	2180	History of Music II: Romantic Era to the 21st Century	This course is a historical survey primarily of music rooted in the European traditions. The timeframe of study will focus on eras referred to as the Romantic and late Romantic periods through the 20th century. Music will be studied from the viewpoints of musical styles, genres, performance practices, as well as cultural and historical contexts of those eras.	3	06, 08

MUSC	2241	Music Theory III	A continuation of Music Theory I & II, this course is the third of a four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory III and Music Theory IV are: Sixth, ninth, eleventh, thirteenth chords and their variants; counterpoint (two-voice), formal structures (fugue, sonata allegro, rondo, variation); pre-20th century tonality and 20th century atonality; music composition not based in tonal sound. This course is required for AFA music majors.	3	06
MUSC	2242	Music Theory IV	A continuation of Music Theory III, this course is the final in four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory III and Music Theory IV are: Sixth, ninth, eleventh, thirteenth chords and their variants; counterpoint (two-voice), formal structures (fugue, sonata allegro, rondo, variation); pre-20th century tonality and 20th century atonality; music composition not based in tonal sound. This course is required for AFA music majors.	3	06
MUSC	2251	Ear Training and Sight Singing III	This course is the third of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2	
MUSC	2252	Ear Training and Sight Singing IV	This course is the final of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2	
MUSC	2970	Music Appreciation Field Trip	This course consists of a series of concert or music experiences in the Twin Cities area or another cultural center, e.g. New York, Washington, D.C., to experience a variety of musical performances, lectures, demonstrations, and facilities. Students will study and experience the components that go into live music performances. In addition to live performances, students may tour architecture, museums and galleries to better analyze and understand the background against which the musical performances take place. Special fees may be applied. This course may be repeated for credit. Students will need to provide their own transportation to area concerts, museums or other venues.	1	06
NSCI	1000	Conceptual Physics	This course is a combined lecture and laboratory course designed for people who want to learn about the fundamental laws and principles that form the basis of the working of the physical universe. This course helps the student understand and appreciate how and why a wide range of common and everyday physical phenomena occur. Topics include: laws of motion, work, energy, momentum, fluids, heat, vibration, wave motion, electricity, magnetism, and light. Some algebra is used in the presentation, so a mathematical preparation equivalent to Math 0902 is recommended. (3 hours lecture, 2 hours lab)	4	03

NSCI	1010	Science of Disaster Workshop I	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1	03
NSCI	1020	Science of Disaster Workshop II	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1	03
NSCI	1030	Science of Disaster Workshop III	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1	03
NSCI	1050	Astronomy	This course takes a "big picture" look at the universe as a whole. Topics include history of astronomy, origin and features of the planets and the Solar System, the lives and deaths of stars, cosmology and the fate of the universe. It also covers recent discoveries and current topics in astronomy. The laboratory component provides a variety of methods to more fully investigate the process of astronomy. The course meets requirements as a natural sciences lab course under Goal Area 3 of the Minnesota Transfer Curriculum. (3 hours lecture/week, 2 hours lab/week)	4	03
NSCI	1060	The Solar System	This course provides an introduction to astronomy with emphasis on our Solar System. Topics include the origin, structure, and history of the Solar System; the properties of light; the function and use of telescopes, understanding the processes that have shaped the planets, their moons and ring systems; comets, asteroids and other space debris. Recent discoveries and current topics from the exploration of the Solar System are also discussed. This course includes a lab-like experience. (3 hours lecture; satisfies MnTC Goal Area 3)	3	03

NSCI	1061	Solar System Lab	An optional course laboratory course designed to complement The Solar System lecture class. It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, internet exercises, videos and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSci 1060 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1060, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1	03
NSCI	1070	Concepts of the Stars and Universe	This course provides an introduction to astronomy with an emphasis on stars and galaxies. Topics include understanding the Sun as a star; revealing the messages hidden in starlight; stellar birth, maturation, and death; black holes, white dwarfs, pulsars, quasars, and supernova explosions; the Milky Way and other galaxies; the origin and the fate of the universe. Current topics and discoveries from stellar astronomy and cosmology are also discussed. This course includes a lab-like experience. (3 hours lecture; meets MnTC Goal Area 3 requirements)	3	03
NSCI	1071	Stars and the Universe Lab	An optional course laboratory course designed to complement the Concepts of Stars and the Universe lecture class, It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, Internet exercises, videotapes and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSci 1070 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1070, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1	03
NSCI	1110	Minnesota's Natural History	This course is a team-taught, field-based introduction to the flora, fauna, ecology, and geologic development of Minnesota. A series of in-class sessions will prepare students for recognition and identification of plants, animals, habitats, and geologic features and for the integration of these biotic and abiotic components of ecosystems. This course will include an examination of natural resource issues and policies in the context of Minnesota's politics and economy. Two weekend field trips are mandatory. These field trips will begin on Friday afternoon and end on Sunday afternoon or early evening. This course fulfills lab requirement for Goal Area 3. (3 hours lecture, 3 hours lab)	4	03, 10
NSCI	1120	Meteorology	This course is designed for people who desire to learn about the weather. This course helps the student learn to observe and interpret the sky, to read weather maps, and to understand the sequence of meteorological phenomena. The topics to be covered include: air temperature, humidity, condensation, clouds, air pressure, wind, atmospheric circulation, weather forecasting, computer modeling, thunderstorms, tornadoes and hurricanes. (3 hours lecture, 2 hours lab)	4	03
NSCI	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		

NURS	1001	Nursing Assistant/Home Health Aide	The Nursing Assistant/Home Health Aide Certificate course prepares the student to provide physical nursing care to individuals in long term care facilities, hospitals, board and care homes. Attendance in classroom, lab and clinical are mandatory per MN Department of Health regulations. Students completing this course are ready to take the Pearson VUE Nursing Assistant Competency Test. After passing this test students can be placed on the Minnesota Department of Health Nursing Assistant Registry	4	
NURS	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
NURS	2010	Nursing Internship	Internship	1	
NURS	2700	Foundations of Nursing - Health Promotion	This course introduces the student to the role of the professional nurse. The emphasis on health promotion across the lifespan includes learning about self-health, as well as holistic client health practices. Students learn to access and apply research evidence to guide safe preventative care. The student will incorporate communication and growth and development theory in a caring and culturally sensitive manner. The student will work as an ethical member of multi-disciplinary teams giving and receiving feedback about performance and use reflective thinking about their practice. Within the context of the nursing process, populations studied will include children, adults, older adults and the family experiencing a normal pregnancy. Prerequisites: Admission to Nursing program, BIOL 2100, BIOL 2111, PSYC 1250 and COMM 1110 Co-requisite: NURS 2750 Strongly Recommended to be taken prior to or concurrently: BIOL 2112	9	
NURS	2720	Transition to the Role of the Professional Nurse	This course is designed to expand the knowledge and skills of the LPN as they transition to the professional role within nursing. Emphasis is placed on health promotion through the lifespan and incorporates theories related to evidence-based practice, quality and safety, communication, collaboration, clinical decision-making/reasoning, informatics, assessment, caring, and health- illness continuum. Prerequisites: Admission to the Nursing Program: LPN-Mobility Option, BIOL 2100, BIOL 2111, PSYC 1250, and COMM 1110. Co-requisite: NURS 2750 Strongly Recommended to be taken prior to or concurrently: BIOL 2112 concurrently.	4	

NURS	2750	Nutrition and the Role of the Professional Nurse	This course introduces the student to the role of the nurse in promoting and supporting nutritional health. Emphasis is on the role nutrition plays in health promotion/prevention of illness, recovery from acute illness and/or management of chronic illness. Students learn to access evidence to support healthy nutritional choices that reduce risk factors for disease and/or illness across the lifespan. Students explore how culture, ethnicity, socio-economic status, nutritional trends and controversies, and integrative therapies influence the nutritional health of the client. Prerequisites: Admission to Nursing program, BIOL 2100, BIOL 2111, PSYC 1250, and COMM 1110 Co-requisites: NURS 2700 or NURS 2720 Strongly Recommended to be taken prior to or concurrently: BIOL 2112	2	
NURS	2800	Chronic and Palliative Care	This course focuses on the nursing care of clients experiencing chronic illness and/or end of life. Emphasis is placed on understanding the lived experience of clients and families. Ethical issues related to advocacy, self-determination, and autonomy are explored. Evidence-based practice is used to support appropriate focused assessments and management of care of clients experiencing concurrent illnesses/co-morbidities. Prerequisites: BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2850 and 2820 Strongly Recommended to be taken prior to or concurrently: SOC 1110	7	
NURS	2820	Pharmacology and the Role of the Professional Nurse	This course introduces theoretical concepts that enable students to provide safe and effective care related to pharmaceuticals and natural products to diverse clients across the lifespan. A framework is presented for approaching the study of pharmacotherapeutics including pharmaceutical research and regulation, quality and safety, major drug classifications, and clinical management. Prerequisites: Admission to the Nursing Program, BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2800 and 2850 Strongly Recommended to be taken prior to or concurrently: SOC 1110	3	
NURS	2850	Applied Pathophysiology for Nursing I	This course introduces a holistic perspective of pathophysiological processes and the disruption in normal body function. Emphasis will be on objective and subjective manifestations of common chronic health problems resulting from environmental, genetic, and stress-related maladaptations to provide a foundation for nursing care. This course complements selected topics addressed in Chronicity and End of Life to provide a comprehensive understanding of disease processes. Prerequisites: Admission to the Nursing Program, BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2800 and 2820 Strongly Recommended to be taken prior to or concurrently: SOC 1110	2	

NURS	2900	Acute and Complex Care	This course focuses on the nursing care of clients experiencing acute disruptions of health and/or end of life issues. Emphasis is placed on understanding and application of theory and skills required to provide nursing care to clients with complex and/or unstable conditions. Evidence-based practice is used to support appropriate focused assessments, and effective, efficient nursing interventions. Knowledge of life span, developmental factors, cultural variables and legal aspects of care guide the ethical decision making in delivery of care. Prerequisites: Completion of NURS 2800, 2820, 2850; SOC 1110 Co-requisites: NURS 2920 and 2950 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or 1220	7	
NURS	2920	Applied Pathophysiology for Nursing II	This course will facilitate ongoing critical thinking and analysis of pathophysiological concepts. Emphasis will be on interpretation and prioritization of data resulting from environmental, genetic, and stress-related maladaptations. This course complements the selected topics addressed in Acute & Complex Care to provide a comprehensive understanding of disease processes. Prerequisites: NURS 2800, NURS 2820, NURS 2850; SOC 1110 Co-requisites: NURS 2900 and NURS 2950 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or PHIL 1220	2	
NURS	2950	Nursing Leadership I	This course focuses on prioritization, delegation, and supervision of nursing care of clients across the lifespan. Healthcare policy, finance, and regulatory environment issues are analyzed. Emphasis is on planning, collaborating and coordinating care for individuals and groups across the care continuum. Prerequisites: NURS 2800, NURS 2820, NURS 2850 and SOC 1110 Co-requisites: NURS 2900 and NURS 2920 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or PHIL 1220	3	
PHIL	1010	Introduction to Philosophy	This course will introduce students to philosophical inquiry and major problems philosophers think about (including the nature of existence and the difficulty of saying whether any knowledge is certain). Students will be encouraged to question their basic beliefs and recognize their philosophical assumptions. No definite conclusions will be reached.	3	06, 08
PHIL	1020	Ethics	This course will introduce students to both the methods and issues connected with thinking about morality and ethical systems. Moral skepticism will also be examined. The aim of this class is to allow students to be more aware of their own ethical modes of thinking and the diversity of ways morality enters into human lives.	3	06, 09
PHIL	1030	Eastern Religions	A study of Eastern religions (Hinduism, Buddhism, Confucianism, and Taoism). The emphasis of the course is to develop knowledge of these belief systems and how they deal with philosophical and spiritual questions.	3	06, 08
PHIL	1040	Western Religions	This course is a study of Western religions including Judaism, Christianity and Islam. The emphasis of this course is to develop knowledge of these belief systems and how they deal with philosophical and spiritual questions.	3	06, 07

PHIL	1050	Introduction to Logic	Investigation of the principles of deductive and inductive reasoning. The course includes Aristotelian logic, propositional and symbolic logic, validity, invalidity, and proofs. Since this course can be taken to fulfill the Mathematical-Logical Reasoning general education requirement, students should expect a Math-like course, with exercises, and exams.	3	04
PHIL	1060	Philosophy of Religion	This course will examine some of the basic questions in the field of philosophy of religion: Does God exist? Can God's existence or nonexistence be rationally proven? Can people be religious in light of the discoveries of science? What does it mean to be religious or nonreligious? Students will be encouraged to draw from their own experience and beliefs to critically think about the issues in this class.	3	06, 08
PHIL	1070	Political Philosophy	In this course we will examine issues in political philosophy through discussion of a range of primary western and non-western historical texts from ancient, medieval, and modern political writers. In the process of this examination of the historical development of political philosophy, a variety of topics will be explored such as: diverse theories of human nature and their implications for the role of government, the dynamics of power, the ideals of duty, justice, liberty and equality, and justifications for private property, profit, and civil disobedience.	3	08, 09
PHIL	1110	Informal Reasoning for Problem Solving	This course studies methods of problem solving, utilizing principles that distinguish good reasoning from poor reasoning. Students will evaluate claims and arguments in natural language, applying the concepts of validity, truth, induction, deduction, and relevance. Students will develop clear thinking, and recognize, criticize and avoid common fallacies. Conceptual analysis will be applied to areas of practical reasoning, to human values, to develop science and media literacy, and to further student self-awareness.	3	02, 09
PHIL	1200	Environmental Ethics	Environmental ethics is concerned with developing rational and moral theories of dealing with our environmental concerns and with discussing ways of putting them into practice. Using a variety of specific philosophical and ethical perspectives, we will look at the effects of population growth, depletion of tropical rain forests, the extinction of vast numbers of species, effects of pollution, concern for future generations, etc. We will look at the effects of these changes on our own lives and the lives of third world peoples. We will discuss individual, social, and ethical responsibilities with regard to the environment and develop ways in which we can act on these responsibilities.	3	09, 10

PHIL	1210	Peace Ethics	This course acquaints the student with major ethics and issues in peace studies and introduces approaches and strategies for working toward peace at the personal, family, community, national, global and environmental levels. The effort is to inform students on many issues and areas of human endeavor, both local and global, in order to promote critical and educated thinking and communication around peace and conflict. Some study of cultural difference surrounding economic, political, religious and sociological perspectives is crucial to demonstrating how understanding is a necessary foundation for peace-making. Students will learn about changes in personal philosophies of life, conflict resolution, mediation and non-violent strategies for peace-making through studying specific peace-makers and peace organizations as well as case studies of successful non-violent change or conflict resolution.	3	08, 09
PHIL	1220	Health Care Ethics	This course looks at the underlying assumptions that affect beliefs, practices, and policies in contemporary health care. Emphasis will be placed on understanding of the ethical principles and theories related to health care. A wide variety of health care issues and the challenges they present will be studied. Critical thinking skills will be emphasized in determining the best course of action for making ethical decisions in the health care field.	3	02, 06, 09
PHIL	1220	Health Care Ethics	This course looks at the underlying assumptions that affect beliefs, practices, and policies in contemporary health care. Emphasis will be placed on understanding of the ethical principles and theories related to health care. A wide variety of health care issues and the challenges they present will be studied. Critical thinking skills will be emphasized in determining the best course of action for making ethical decisions in the health care field.	3	06
PHIL	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
PHYS	1000	Conceptual Physics	This course is a combined lecture and laboratory course designed for people who want to learn about the fundamental laws and principles that form the basis of the working of the physical universe. This course helps the student understand and appreciate how and why a wide range of common and everyday physical phenomena occur. Topics include: laws of motion, work, energy, momentum, fluids, heat, vibration, wave motion, electricity, magnetism, and light. Some algebra is used in the presentation, so a mathematical preparation equivalent to Math 0902 is recommended. (3 hours lecture, 2 hours lab)	4	03

PHYS	1030	Introduction to Physical Sciences	In this course, students will explore the basics of chemistry and physics by examining such concepts as understanding and measuring matter; atoms, elements, compounds and mixtures; physical and chemical properties of matter; states of matter; chemistry fundamentals, the periodic table; bonding and types of compounds; mixtures and solutions; chemical reactions; properties and sources of energy; heat; electricity, circuits, and power; properties of sound & light; the behavior of sound & light; forces and motion; work and simple machines. This course is intended for students who wish to complete a science course with a lab. It is not a prerequisite for any science or health programs. This course may not be used as a substitute for a chemistry course or a physics course. (3 hours lecture, 3 hours lab) Math 0901 (Intro to Algebra) or basic math skills are highly recommended.	4	03
PHYS	1050	Astronomy	This course takes a "big picture" look at the universe as a whole. Topics include history of astronomy, origin and features of the planets and the Solar System, the lives and deaths of stars, cosmology and the fate of the universe. It also covers recent discoveries and current topics in astronomy. The laboratory component provides a variety of methods to more fully investigate the process of astronomy. The course meets requirements as a natural sciences lab course under Goal Area 3 of the Minnesota Transfer Curriculum. (3 hours lecture/week, 2 hours lab/week)	4	03
PHYS	1060	The Solar System	This course provides an introduction to astronomy with emphasis on our Solar System. Topics include the origin, structure, and history of the Solar System; the properties of light; the function and use of telescopes, understanding the processes that have shaped the planets, their moons and ring systems; comets, asteroids and other space debris. Recent discoveries and current topics from the exploration of the Solar System are also discussed. This course includes a lab-like experience. (3 hours lecture; satisfies MnTC Goal Area 3)	3	03
PHYS	1061	Solar System Lab	An optional course laboratory course designed to complement The Solar System lecture class. It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, internet exercises, videos and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSci 1060 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1060, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1	03
PHYS	1070	Concepts of the Stars and Universe	This course provides an introduction to astronomy with an emphasis on stars and galaxies. Topics include understanding the Sun as a star; revealing the messages hidden in starlight; stellar birth, maturation, and death; black holes, white dwarfs, pulsars, quasars, and supernova explosions; the Milky Way and other galaxies; the origin and the fate of the universe. Current topics and discoveries from stellar astronomy and cosmology are also discussed. This course includes a lab-like experience. (3 hours lecture; meets MnTC Goal Area 3 requirements)	3	03

PHYS	1071	Stars and the Universe lab	An optional course laboratory course designed to complement the Concepts of Stars and the Universe lecture class, It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, Internet exercises, videotapes and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSci 1070 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1070, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1	03
PHYS	1120	Meteorology	This course is designed for people who desire to learn about the weather. This course helps the student learn to observe and interpret the sky, to read weather maps, and to understand the sequence of meteorological phenomena. The topics to be covered include: air temperature, humidity, condensation, clouds, air pressure, wind, atmospheric circulation, weather forecasting, computer modeling, thunderstorms, tornadoes and hurricanes. (3 hours lecture, 2 hours lab)	4	03
PHYS	1140	Energy Aspects of Our Physical Environment	This course is designed for people who desire to learn about the various sources of energy and the problems associated with its production and consumption on the local, state, national, and international levels. Topics to be covered include: energy principles, fossil fuels, electric energy, acid precipitation, energy conservation, infringements on the global atmosphere, the principles of sustainability, and the orderly translation from our current energy mix to a new mix utilizing nuclear, solar, wind, geothermal, and new emerging technologies. This course includes a lab-like experience. (3 hours lecture)	3	03
PHYS	1201	Principles of Physics I	This course is the first of a two-semester introductory physics course for students with a mathematical preparation of algebra and some trigonometry. Topics to be covered include: motion in one and two dimensions, Newton's laws of motion, energy, momentum, rotational motion, oscillations, gravitation, fluids and heat. (4 hours lecture, 2 hours lab) Prerequisite: Math 0902 or equivalent	5	03
PHYS	1202	Principles of Physics II	This course is the second of a two-semester introductory physics course for students with a mathematics preparation of algebra and some trigonometry. Topics to be covered include: wave motion, electricity, magnetism, electromagnetic waves, and light. (4 hours lecture, 2 hours lab) Prerequisite: Physics 1201 or consent of instructor	5	03
PHYS	1220	Allied Health Physics	This course provides the allied health or paramedical student with a concentrated treatment the basic physics principles of ultrasound which would be needed for follow on courses in the Allied Health field. Completion of one college level science course and college algebra is strongly recommended.	2	
PHYS	1601	General Physics I	This is the first course of a two-semester introductory physics sequence for students with a mathematical preparation of one semester of calculus. The topics to be covered include: motion in one and two dimensions, Newton's laws of motion, energy, momentum, rotational motion, oscillations, gravitation, fluids and wave motion. (4 hours lecture, 2 hours laboratory) Prerequisite: Math 1221	5	03

PHYS	1602	General Physics II	This is the second course of a two-semester introductory physics sequence for students with a mathematical preparation of two semesters of calculus. The topics to be covered include: thermodynamics, electricity, magnetism, electromagnetic waves, and optics. (4 hours lecture, 2 hours laboratory) Prerequisite: Phys 1601; Math 1222	5	03
PHYS	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
PLA	1010	Individualized Studies Development	This course will assist students in developing their individualized studies degree plan while focusing on the central question of "what does it mean to be an educated person". Upon completion of the course, students will have a completed Degree Plan. This course is by permission only and can only be registered upon after acceptance into the Individualized Studies Program.	2	
PLA	1020	Prior Learning Portfolio Development	This course will assist students in assessing what they have learned, whether some of that learning may be appropriate for assessment of college credit, and how to go about earning that credit. This course will allow students to begin the development of a portfolio for assessment of credit by a faculty member.	1	
PLA	1025	Prior Learning Assessment (PLA) Preparation Workshop	This workshop will help develop a plan of action to determine if Credit for Prior Learning is an option for the degree-seeking student. After completing this workshop, the student will know if they have the necessary components and knowledge to move forward to earn credit alternatively.	0	
PLEG	1111	Introduction to Law and Paralegal Studies	This course introduces students to the paralegal profession, including the nature of paralegal work, job requirements and opportunities. Students will study the Minnesota Rules of Professional Conduct and the ethical standards applicable to paralegals. The students will learn about the American legal system, including sources of law, court systems and procedures. The students will study the relationship between state and federal laws and procedure and alternative dispute resolution. Students will also study the substantive areas of torts and criminal law.	3	
PLEG	1210	Computer Applications in the Legal Profession	This course presents a study of the computer software commonly used in legal organizations, including programs in word processing, spreadsheets, database management systems, timekeeping and billing, case management and docket control, litigation support, presentation graphics, and electronic mail. Students will also study legal ethics as applied to the use of computer technology in the law office. CIS 1000 or knowledge of keyboard recommended. Prerequisite: PLeg 1111	2	
PLEG	1330	Family Law	This course presents a study of the processes and procedures undertaken in a family law practice. Students will study the procedures applicable to marriage dissolution and learn to prepare the legal documents associated with such procedures. Students will also study other substantive family law topics such as marriage and premarital agreements, child custody and support, domestic abuse, and adoption. In addition, this course examines the ethical considerations relating to a family law practice. Prerequisite: PLeg 1111	3	

PLEG	1411	Litigation I	This course is the first part of a two-part Litigation course. This course presents a study of the processes and procedures undertaken in litigation and the role of the paralegal in a litigation practice. Students will study the requirements and applications of the Rules of Civil Procedure and the general rules of practice in District Court. Students will also study the various methods of alternative dispute resolution and their application to a litigation practice. Students will learn to prepare the documents essential to a litigation practice, such as complaints, discovery requests and discovery responses. This course also examines the ethical considerations relating to litigation. Prerequisite: PLeg 1111	3	
PLEG	1412	Litigation II	This course is the second part of a two part Litigation course. This course presents a study of the processes and procedures undertaken in litigation and the role of the paralegal in a litigation practice. Students will study the requirements and applications of the Rules of Civil Procedure and the general rules of practice in District Court. Students will also study the various methods of alternative dispute resolution and their application to a litigation practice. Students will draft litigation documents and learn the role of the paralegal before, during and after trial. This course includes a study of the rules of evidence, and tips for preserving and protecting evidence in civil and criminal trials. Students will learn methods of investigation and fact gathering. In addition, this course also examines the ethical considerations related to evidence and the trial process. Prerequisite: PLeg 1411	3	
PLEG	1430	Alternative Dispute Resolution	This course introduces students to the understanding of conflict and provides a working knowledge of the major forms of adjudicative and non-adjudicative alternative dispute resolution processes. Students will apply the theory and practice of alternative dispute resolution to their personal as well as their professional lives. Prerequisite: PLeg 1111.	1	
PLEG	1510	Intellectual Property	This course presents a study of the major areas of intellectual property law in the United States: trademarks, copyrights, patents and trade secrets. Students will study relevant statutes and case law, as well as the key policy considerations in the subject area. This course also examines the ethical issues relating to intellectual property law. Prerequisite: PLeg 1111	2	
PLEG	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3	
PLEG	2211	Legal Research and Writing I	This course presents a study of methods of legal research related primarily to case law, which include the use of digests, encyclopedias, reporter systems, and practice manuals. The students will gain an understanding of law libraries and will be introduced to computer assisted legal research. Students will learn analytical writing skills for use in preparation of legal memoranda. Use of Blue Book citation methods will be emphasized. Prerequisite: Engl 1201 or Engl 1200 and PLeg 1111	3	

PLEG	2212	Legal Research and Writing II	This course is a continuation of Legal Research & Writing 1. This course focuses on primary sources other than case law such as constitutional law, statutory law, administrative law, and court rules. The student will also study secondary sources. This course provides the student with additional experience in the advancement of analytical writing skills for use in the preparation of legal memoranda. Blue Book citations relative to sources studied will be emphasized. The student will also gain additional experience with computer assisted legal research. Prerequisite: PLeg 2211	3	
PLEG	2310	Criminal Law and Procedure	This course presents a study of the substantive and procedural aspects of criminal law and the role of the paralegal working in the area of criminal defense or criminal prosecution. Students will study the general principles of criminal liability, analysis of particular crimes, parties to crimes, and the substantive defense to crimes. Constitutional safeguards and procedures from arrest through trial, sentencing, punishment, and appeal are also studied. This course also examines the ethical considerations relating to criminal law and procedure. Prerequisite: PLEG 1111 Please Note: All Paralegal program and course prerequisites are enforced. This course may not be used as a substitute for SOC 1710 in any NHCC programs which include SOC 1710 as a required course.	3	
PLEG	2510	Contracts and Business Organizations	This course presents a study of contracts, sales of goods, products liability, secured transactions, creditor rights, consumer protection and bankruptcy. The students also study basic principles of employment law. This course also presents a study of business entities, including sole proprietorships, partnerships, corporations, limited liability companies, and other business entities. Students will learn the fundamental principles of law applicable to each entity type and how to prepare documents necessary to the organization and operation of each. In addition, this course examines the ethical considerations relating to business law practice. Prerequisite: PLeg 1111	3	
PLEG	2620	Property	This course presents a study of personal and real property. Students study landlord and tenant law, real estate conveyancing, real estate financing, foreclosure and mechanic's liens. Students will learn to prepare a purchase agreement, deeds and other closing documents, and the documents used in mortgage foreclosure and mechanic's lien foreclosure. The general concepts of legal descriptions, title examination, and closing procedures also are covered. In addition, this course examines the ethical considerations related to a property law practice. Prerequisite: PLeg 1111	3	
PLEG	2710	Wills, Trusts and Estate Administration	This course presents a study of estate administration, including the preparation and use of wills and trusts as estate planning tools. Students will study powers of attorney and the use of health care directives for disability planning. The students will learn the fundamental principles of probate law and how to prepare documents used in probate procedures. Students will also learn about the impact of estate taxes on estate planning. In addition, this course examines the ethical considerations relating to estate planning, wills and trusts. Prerequisite: PLeg 1111	3	

PLEG	2810	Employment Search for Paralegals	This course presents a study of the skills and tools needed for locating paralegal employment opportunities. Students will study employment opportunities in both legal and non-legal settings. Students will study attitudes and work habits for a more successful career. Students will learn to prepare a professional resume and conduct an interview. Prerequisite: PLeg 1111	1	
PLEG	2930	Legal Studies Seminar and Internship	The course is designed to ready the student for transition from the classroom to the work place, emphasizing practical skill development and additional development of the student's organizational, communication and critical analysis skills. This is also a course designed to measure the student's learning and mastery of the program's goals and objectives. The course is designed with in-class and out of class internship experiences. Through in-class discussions and exercises, the student develops the basic skills necessary for the paralegal work setting. The student gains actual work experience under the supervision of an attorney or experienced paralegal in day-to-day, on-site office work completed at an internship site. The student must complete 150 hours of work at the internship site, which may be a private or public law office, corporate or government legal department, or other appropriate law-related setting or complete the alternative legal practicum coursework. Prerequisites: PLeg 2211	3	
POLS	1100	American Government and Politics	This course is a general introduction to American politics with emphasis on the Constitution, citizen participation, elections, and the role of the major governmental institutions - Congress, presidency and judiciary - in the formulation of public policy in the United States.	3	05, 09
POLS	1140	State and Local Politics	This course studies the operation and structure of state governments including executive, legislative, judicial functions as well as elections and policy formation, with an emphasis on Minnesota.	3	05, 09
POLS	1600	Comparative Politics	This course examines and compares the organization and politics of modern governments around the world. Countries studied exemplify larger course themes of political institutions, political culture, elections, public policy, democratization, economic development, and comparative methodology.	3	05, 08
POLS	1700	World Politics	This course is a general introduction to international relations with emphasis on great power politics, international organizations, security studies, international political economy, and global environmental politics.	3	05, 08
POLS	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
POLS	2130	Constitutional Law	This course will acquaint students with the content of the United States Constitution and its amendments; its interpretations within political, social, and historical contexts; and will examine the reasoning process in major judicial decisions. Prerequisite: Soc 1710 or PolS 1100	3	05

PSYC	1150	General Psychology	As an introduction to psychology, this course provides a study of human behavior and mental processes. Topics may include history of psychology, research methods, physiological psychology, sensation and perception, consciousness, learning, memory, motivation and emotion, personality, stress and coping, abnormal behavior, therapy and social psychology.	3	05
PSYC	1150	General Psychology	This course provides an overview of topics in psychology. Topics may include history of psychology, research methods, physiological psychology, sensation and perception, consciousness, learning, memory, motivation and emotion, personality, stress and coping, abnormal behavior, therapy, and social psychology. Students are strongly encouraged to check with an advisor to determine if this is the appropriate course for their degree/program.	3	05
PSYC	1160	Introduction to Psychology	This course provides an in-depth introduction to psychology. Topics may include history of psychology; research methods; physiological psychology; sensation and perception; consciousness; learning; memory; cognition; motivation; emotion; personality; stress, health and coping; abnormal behavior, therapy; social psychology; human development; sexuality; and gender. Students are strongly encouraged to check with an advisor to determine if this is the appropriate course for their degree/program.	4	05
PSYC	1165	Psychology of Adjustment	This course is an in-depth look at the processes of normal human adjustment and their application in the student's life adjustment. A component of the course is diversity and dealing with diversity, specifically the development and changing group identities in the U. S.; an examination of the individual and institutional processes of unequal power between groups; an examination of the students' attitudes, behavior and beliefs about diversity, stereotyping, prejudice, bias and racism and bigotry; and experience in developing the necessary communication skills for living and working in a diverse society. Other topics may include goal setting and change processes, self-awareness and identity, physical and psychological health, stress and coping, interpersonal relationships and communication, emotions and motivation, social interactions, psychological growth and development, meaning and values, and decision making.	3	05, 07
PSYC	1170	Psychology of Gender	Psychology of Gender includes the theory and research relating to sexuality, gender roles and sexual orientation.	3	05, 07
PSYC	1210	Child Development	This course focuses on psychological, intellectual, and physical development from the prenatal period through adolescence. Topics include general theoretical approaches and research methods in studying child and adolescent development, birth and the newborn child, and development in the following areas: prenatal, physical, perceptual, cognitive, intellectual, language, personality, social and atypical. Completion of General Psychology is helpful prior to taking this course.	3	05
PSYC	1220	Adult Development	As a psychological journey through the stages of adulthood, this course covers individual differences in adjustment strategies used to cope with typical problems from early adulthood to the time of dying and death.	3	05

PSYC	1250	Life Span Developmental Psychology	Life Span Developmental Psychology examines continuity and change across the life span. The course examines the biological, cognitive, and social development of humans from conception through death. Topics will explore maturation, human growth experiences, transitions, and the various stages of psychological and physical development as key components influencing human behaviors.	4	05
PSYC	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
PSYC	2110	Principles of Social Psychology	This course analyzes how individual's thoughts, feelings and actions are influenced by others. Topics include perception, attraction, altruism, aggression, attitudes, leadership, conformity and obedience, stereotyping and prejudice, persuasion and propaganda and the self-concept. Prerequisite: Soc 1110 or Psyc 1160 or Permission from Instructor	3	05, 07
PSYC	2320	Abnormal Psychology	This course is an introduction to the origin, classification, and treatment of psychological disorders. Topics include historical and research issues, adjustment reactions to stress, neuroses, personality disorders, psychoses, types of psychotherapy, legal and ethical issues. Prerequisite: Psyc 1150 or Psyc 1160 or consent of instructor	3	05
PSYC	2330	Personality	This course provides a review of the major theories of personality which typically include the psychodynamic, behavioral, cognitive, humanistic and trait approaches. Prerequisite: Psyc 1160	3	05
PSYC	2340	Human Sexuality	An overview of past and current research on human sexuality. The course will address: the human sexual response; models and sources of arousal; cultural influences on human sexual behavior and sexual diversity; emotional aspects of sexuality and sexual dysfunction; sexual communication, intimacy, dependency and jealousy; sexual exploration and courting behavior across the life span; atypical behavior, commercialized sex, and sexual coercion. Prerequisite: Psyc 1150	3	05, 07
PSYC	2350	Multicultural Psychology	This course is an introduction to diversity and multiculturalism within psychology. Students will have a broad understanding of extant research on diversity from a wide variety of perspectives including international perspectives. Topics covered include: culture and identity, group behavior, stereotyping and prejudice, cross-cultural research, and international research. COMM 1310 is highly recommended before taking this course. Prerequisite: Psyc 1160 or consent of instructor	3	05, 08

PUBW	1010	Office and Professional Skills for Public Works	This course provides an introduction to the office and professional skills needed for public works professionals. Course emphasis is on planning, organizing, preparing and delivering effective workplace and technical documents for use by the general public and elected officials. Specific types of documents may include field construction reports, requests for information, maintenance reports, status reports and interoffice memorandum. Students will also be introduced to basic office applications that may be used in the preparation of documents utilized by public works professionals.	4	
PUBW	1020	Public Works Organization and Administration	This course is designed to give an individual a general overview of public works; its organizational structure, function, responsibilities, and inter-relationships and financing mechanisms within our governmental systems. It will also give an overview of the systems typically managed by the public works professional and will focus on the public works supervisor's role in managing those functions and activities including budgeting, performance measuring, management systems and computer applications.	4	
PUBW	1030	Public Works Management and Communication	This course is designed to familiarize the student with general principles such as safety, liability, public relations to include dealing with the public sector, conducting public meetings, handling complaints, use of written communications and news media as well as securing citizen acceptance for projects that would be expected of a leadership position. It also provides students with the knowledge to successfully hire, manage and supervise public works employees and consultants.	4	
PUBW	1040	Technical Aspects of Public Works	This course provides supervisory personnel the basic principles of public works engineering functions and overviews the engineering attributes of materials used in public works projects. Subjects covered include reading plans, elements of roadway design, surveying, proposals, specifications, bituminous and concrete construction, computer applications, pavement management, and public works systems.	4	
PUBW	1050	Public Works Operations and Maintenance	This course relates to the delivery of maintenance and operations products and services to the public. It will cover the identification of equipment and personnel resource needs, the planning and scheduling of needed work, and the performance measures required to assure that efficiency and effectiveness are achieved. Discussions will include factors involved with making choices of preventive vs. breakdown maintenance, in-house vs. contract, renting vs. buying, and partnering as applied to street, highway, utility, equipment, grounds and building maintenance.	4	

PUBW	1060	Public Administration Skills	Introduces and develops an understanding of leadership and management theories and their application to public administration. Areas studied include budgeting and budget processes, techniques of personnel management, labor relations, and public policy analysis. Emphasis will be placed upon applying public administration topics by researching and preparing administrative reports and legal documents, formal presentations, and analyzing relevant data for elected official review. Students will acquire a broad-based understanding of public administration and the complexities of this occupational field. This course is designed for the public works supervisor or other governmental officials interested in the application of local government policies and how they pertain to public works.	4	
SOC	1110	Introduction to Sociology	This course is a study of social and cultural aspects of human behavior. Topics include society and culture, roles and norms, groups and organizations, deviance, inequality, social and cultural change, and research methods.	3	05, 07
SOC	1110	Introduction to Sociology	This course is a study of social and cultural aspects of human behavior. Topics include society and culture, roles and norms, groups and organizations, deviance, inequality, social and cultural change, and research methods.	3	
SOC	1130	Social Problems/Deviance	This course examines issues and concerns in the modern world such as population, global warming, the environment, natural resources, terrorism, poverty, racism, sexism, mental illness, drug abuse, crime, sexual assault, prostitution and suicide. Social policies designed to deal with those issues are also considered. Prerequisite: Soc 1110	3	07, 09
SOC	1210	Introduction to Social Work	This course reviews the field of social work, with a generalist practice focus emphasizing interventions at the individual, environmental and societal level. Topics include the development of social work, human diversity, social problems, social work values, roles, skills and settings. Note: This course is a service learning class that combines classroom instruction and service in the community, giving students the opportunity to practice academic, real-world, work, life and interpersonal skills. Students are required to have their own transportation. Service learning opportunities range in scope from 10-40 hours of service in the community which in some cases may be an additional time commitment to completion of the course.	3	
SOC	1710	Introduction to Criminal Justice	This course covers the history, organization, and function of the criminal justice system in the United States. Topics include foundations of crime and justice, victimization, crime statistics and the extent of crime, police issues, court systems, corrections, and future trends. Note: Sociology 1110 recommended prior to taking this course.	3	05

SOC	1720	Police and Community	This course addresses the affective-oriented aspects of contemporary law enforcement. Topics include crime prevention, police community relations, ethical decision-making, cultural diversity, bias-motivated crimes, domestic abuse, problem solving, volunteerism, and interpersonal communications. Note: SOC 1110, Introduction to Sociology, recommended before taking this class.	3	
SOC	1730	Juvenile Justice	This course analyzes the juvenile justice system and its historical and philosophical development, including theories of social causes and effects of delinquency. Students will learn strategies for working with juveniles and for preventing and investigating delinquency. The course provides a working knowledge of Minnesota statutes pertaining to juveniles through the study of case law, report writing, skills exercises, and simulation.	3	
SOC	1750	Families in Crisis	This course analyzes the dimensions and dynamics of family dysfunctions. Topics may include, domestic abuse, child abuse and protection, vulnerable adults, peace officer response to crime victims, Americans with Disabilities Act as it relates to peace officers, mental health, poverty, homelessness, and the substance abuse as related to family issues. Prerequisite: Soc 1110	3	05
SOC	1990	Sociology Special Topics	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
SOC	2110	Principles of Social Psychology	This course analyzes how individual's thoughts, feelings and actions are influenced by others. Topics include perception, attraction, altruism, aggression, attitudes, leadership, conformity and obedience, persuasion and propaganda and the self-concept. Prerequisite: Soc 1110	3	05, 07
SOC	2210	Minority Groups	This course considers the social history, current conditions, and future prospects of minority groups in the United States. Topics include racism, sexism, prejudice, discrimination, affirmative action, and other related issues and social policies. Prerequisite: Soc 1110	3	05, 07
SOC	2730	Introduction to Corrections	This course examines corrections as a major component of the criminal justice system in the United States. Topics may include programs, practices and critical issues. Prerequisite: Soc 1710 or Consent of Instructor	3	05
SOC	2740	Criminal Behavior	This course introduces students to crime and criminal behavior from a sociological perspective. Topics include: major sociological theories of criminal behavior, research on crime and social control issues, victimization, violent and property crime, white-collar, political, public order and organized crime. Prerequisite: Soc 1110	3	
SPAN	1030	Spanish and Latin American Culture	This course is an introduction to the civilization and culture of Spain and Spanish America, with particular emphasis on comparative cultures, modern trends, the ancient Indian civilizations and African-Spanish-American influences. The course is taught in English; no previous knowledge of Spanish is required.	3	06, 08

SPAN	1050	Spanish for Health Care Workers	This course is designed for students in medical and health care areas who want to develop fundamental skills in conversational Spanish as related to their daily activities. The course activities are divided into two major sections: First, basic language skills that are taught using the textbook, An Introduction to Spanish for Health Care Workers; Second, the creation and practice of dialogs related to specific nursing tasks (e.g., assessing medical history, assessing health risks, teaching breast self exams, making appointments, etc.). This course is not a Spanish language class per se, but it is designed to teach health care students how to do specific tasks in Spanish. As such, there is no specific Spanish prerequisite to be enrolled in this course. All non-native speakers of Spanish at any level are encouraged to enroll in this course. Students who are interested in acquiring Spanish language in general are invited to enroll in traditional Spanish courses.	3	
SPAN	1101	Beginning Spanish I	Designed for the student with little or no previous experience with languages, this course stresses correct pronunciation, aural comprehension, basic structure, and a practical reading knowledge of Spanish.	5	08
SPAN	1102	Beginning Spanish II	Continuing the activities and skill development from Span 1101, this course will emphasize basic proficiency reinforcing the student's knowledge and awareness of appropriate language use in a variety of situations. Prerequisite: Span 1101 or equivalent	5	08
SPAN	1390	Field Study Spanish/Latin American Civilization	This course will take students to Spain, Mexico, or other Spanish-speaking countries to experience contemporary life in a Spanish-speaking country, while observing the influences of the past. Credit level depends on the length and intensity of individual study on a topic agreed upon in advance by the student and instructor.		
SPAN	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
SPAN	2201	Intermediate Spanish I	This course continues the development of the multiple language skills introduced in the beginning sequence. The student is introduced to the literature and culture of Spain and Spanish America. Prerequisite: Span 1102 or equivalent	5	06, 08
SPAN	2202	Intermediate Spanish II	This course continues the development of multiple language skills with the opportunity to improve reading, writing, speaking and listening comprehension, with emphasis on developing skills in conversation and in expanding vocabulary. The student will also have a more extensive exposure to the literature and culture through readings and films. Prerequisite: Span 2201 or equivalent	5	06, 08
TFT	1110	The NHCC Filmmaking Project: Student Activity Class	The North Star Film Project (TFT 1110) is a student activity class in which students will meet at least one hour per week in a laboratory format to produce short films from scripts written in the NHCC Introduction to Screenwriting each spring. Participating students learn about planning, rewriting, shooting, editing, and mixing a film into a finished product, ready for viewing. Students in this class may repeat it for credit, and may also participate in the Capstone version of the class for 3 credits once they have completed the prerequisites for that version of the class (TFT 2110).	1	

TFT	1200	Theatre in the Twin Cities	Students attend performances of plays in order to understand the elements of theatrical and dramatic production. Students develop criteria for the evaluation of productions as they explore the complexities of theatre and its reflection of society. They also examine their own biases and value systems and how they affect their evaluation processes regarding artistic, societal, and personal points of view.	3	06
TFT	1210	Introduction to Theatre	Students become involved in a play's production while they explore the roots of the theater as a reflection of culture and community. Students investigate major theatrical historical periods and personalities, work on self-selected crews, analyze dramatic literature for meaning and production considerations, and may create and perform their own scenarios as a means of understanding the transformation of theater from page to stage.	3	06, 07
TFT	1250	Introduction to Film	This course is an introduction to the history and techniques of entertaining and communicating ideas through motion pictures. The course consists of viewing, analyzing, discussing and writing about films as a means of understanding visual communication and developing greater visual literacy.	3	06
TFT	1260	Introduction to Television	This course is an introduction to television's history, development, emerging technologies, influence, and future. It explores digital convergence as well as programming, distribution, regulation, and audience, constantly emphasizing the effect of money on this pervasive medium. Both television shows and movies about television will help illuminate the course content.	3	06, 08
TFT	1270	Digital Video Production	This course introduces basic video production concepts and techniques with an emphasis on using the elements of motion and sound as creative artistic tools. Students will critically analyze video in terms of genre, context, meaning, visual language and form and then produce and edit their own short projects that explore creative and experimental applications of the medium rather than the traditional mass communication form. Students are encouraged to use their own computer for editing if possible. Basic knowledge of the computer is helpful.	3	06
TFT	1280	Introduction to Screenwriting	This course is an introduction to screenwriting, dealing with the basics of drama, story, character, structure, dialogue, and meaning. It explores these elements with writing exercises that develop skills in plotting, exposition, suspense, and action. It focuses on visual storytelling, helping students to discover observable actions and images that can convey ideas effectively, while constantly emphasizing how well-developed characters' needs and wants drive the structure and conflict of an engaging story. It is intended to acquaint students with the craft of screenwriting; to be a beginning course in the field that will help prepare students for further work.	3	06
TFT	1290	Design for Theatre	This course is an examination of how theatre design (set, costume, properties, and lighting) are used to support the production of a play. The elements of design- line, texture, color, and form- are explored as they have been and are currently used by designers and directors for theatrical productions. Students analyze dramatic literature and create design projects.	3	06

TFT	1310	American Cinema	American Cinema is a class in which students look at American films that have played a role in American film history from its beginnings to the present. They explore America's filmmaking history and its contributions to American culture, specifically considering the many diverse communities portrayed in these films as well as filmmakers from these often minority communities. These selections include films by or about African Americans, Asian Americans, Latino Americans, Native Americans, GLBT Americans, and the contributions of American Women throughout film history. The course consists of viewing, analyzing, discussing and writing about American films as a means of understanding the impact of these works on our diverse American culture.	3	06, 07
TFT	1320	World Cinema	World Cinema is a class in which students look at films from around the world. They explore various non-English-speaking countries' contributions to filmmaking and world culture that have been made by these countries' films. They look at two films from each country studied: one that exemplifies the historical/cultural concept that is associated with that country's films and one contemporary film from that country. The course consists of viewing, analyzing, discussing and writing about films from other cultures films as a means of understanding the impact of these works on our own as well as other cultures.	3	06, 08
TFT	1350	The American Musical Theatre	American Musical Theatre is designed to enlighten the learner about the basics of musical theatre production and its genesis as a uniquely American art form. Also, the course will take a close look at the context in which these musicals were created and how they challenged society at that time. In addition, the course will examine the writing of the book, lyrics and music of many shows in an attempt to better analyze and evaluate the content.	3	06, 07
TFT	1500	Acting I: Improvisation and Foundations	This course uses lectures, discussions, and interactive exercises to learn, demonstrate, and evaluate the principles of improvisation including basic stage awareness, non-verbal communication, self-awareness, and team work. Students will work in ensemble to understand, evaluate, and use the concepts of objective, intention, and motivation. Written analyses as well as presentations may be used to demonstrate understanding of these skills and concepts.	3	06
TFT	1510	Foundations of Acting: Stage Movement and Voice	This course is an exploration of character development through the use of voice and movement. Emphasis is placed on vocal development, using rhythm, pitch and dialects to create more effective performances. Enhancing the movement aspect of any performance, a valuable and often underutilized tool for the actor, begins with expanding the student's physical confidence on stage and eventually moves to a more energetic and focused use of the space within which the performance must take place.	3	06
TFT	1520	Acting II: Building Characters	Students select plays and their characters to research, analyze, evaluate, write about, and present or demonstrate character analysis, posture, movement, non-verbal communication, vocal variety, projection, and personal experience and awareness. Students are encouraged to take TFT 1500 (Acting 1: Improvisations and Foundations) before taking this class.	3	06

TFT	1531	Stage Combat I	Stage Combat I is an introductory course in the Stage Combat Program, and will focus on unarmed (hand to hand fighting) and armed (found objects, knives, etc.) stage combat. The program conforms to the guidelines put forth by the Society of American Fight Directors (SAFD). Telling a story effectively through the use of disciplined and safe stage combat will be stressed, as well as instruction in the history, type and use of various weapons. Students in the performing arts will gain self-confidence in their ability to fulfill the needs of any script calling for stage or screen violence. Students not in the performing arts will gain a firsthand appreciation of the skills necessary to make stage and screen violence look real.	3	06
TFT	1532	Stage Combat II	Stage Combat II is the follow-up course to Stage Combat I in the Stage Combat Program. The primary focus of this course will be on performance. The skills learned in Stage Combat I will be reviewed and refined, then applied to the performance of choreographed staged fights within the context of a scene. Students will assign emotional value to the physical circumstances of the scene and act out the intentions of the character. This program conforms to the guidelines put forth by the Society of American Fight Directors (SAFD), which contains 90 hours of required instruction. Students in the performing arts will gain self-confidence in their ability to fulfill the needs of any script calling for stage or screen violence. Students not in the performing arts will gain a firsthand appreciation of the skills necessary to make stage and screen violence look real.	3	06
TFT	1540	Acting for the Camera	Students will have the opportunity to perform in front of the camera and see themselves as the camera records them, revealing their strengths and challenges. Acting techniques specific to working in film and television will be covered along with methods for auditioning, script analysis, character development, communication and style. How to handle camera and editing equipment is also included.	3	06
TFT	1600	Theatre Practicum: Performance	In this class, students choose a particular area of practicum study such as acting, directing, assisting a director, working on a technical crew assignment, or another major responsibility. Students research, analyze and participate in some aspect of a North Hennepin production. This course may be repeated for credit. Prerequisite: Consent of instructor		06
TFT	1610	Theatre Practicum: Technical	In this class, students choose a particular area of practicum study such as directing, assisting a director, working on a technical crew assignment, or another major responsibility. Students research, analyze and participate in some aspect of a North Hennepin production. This course may be repeated for credit. Consent of Instructor required. Prerequisite: Consent of instructor		06
TFT	1710	Oral Interpretation and Traditions	Oral Interpretation and Traditions is an introductory course in the effective oral presentation of written material. Students will analyze and perform literature from a variety of sources that represent different cultures and ethnicities. Students will also make connections between the cultural implications of oral tradition and performance.	3	01, 08

TFT	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.		
TFT	2010	Fundamentals of Directing	Fundamentals of Directing is open to any student who is interested in learning the basic skills necessary to become adept at directing. The student will learn about the wide variety of responsibilities a director assumes, as well as the range of knowledge every director needs to possess in order to communicate a story effectively on stage or screen. The course will cover the function of the director, script analysis, groundplan and blocking, working with the actor, creating a unified whole, and working collaboratively with a production team. In addition, the course will cover some of the similarities and differences between directing for the stage, film, and television. For students in careers outside the performing arts, this course offers opportunities to gain a deeper appreciation of the process of directing, increase personal self-confidence, and improve communication skills in a team setting. Pre-requisites: TFT 1500 or TFT 1540 or TFT 1210 or TFT 1250 or instructor permission.	3	06
TFT	2110	The NHCC Filmmaking Project: Capstone Class	The North Star Film Project: Capstone Class (TFT 2110) is an academic class in which film degree candidates shoot the short films they wrote in the Introduction to Screenwriting class. Students meet at least one hour per week in a laboratory format and produce their short films, learning to plan, rewrite, cast, shoot, edit, and mix their films into finished products, ready for viewing. Students in this class may have already participated in the North Star Film Project: Student Activity Class (TFT 1110). Students in the Student Activity Class (TFT 1110) function as actors and crew for those in the Capstone Class. Students in the AA Film Emphasis degree program should have done the following before taking this class: - a completed short film script from the Introduction to Screenwriting class (TFT 1280); - completed the Digital Video class (TFT1270); and. - completed the Fundamentals of Directing class, (TFT 2010).	3	
TFT	2500	Playwrighting	Students will be introduced to the fundamentals of writing theatrical plays. They will be expected to work on several creative projects throughout the semester and to participate in workshops in which they will discuss and critique one another's work. Students may also be asked to complete other writing exercises and to analyze a selection of plays to gain a better understanding of the art of play wrighting. Prerequisites: Engl 1900	3	06
TFT	2950	Theatre Appreciation Field Trip	This class gives students an opportunity to attend theatre productions and explore back-stage theatre operations. Students will learn the components of dramatic production and establish a basis for evaluation of a production. May be repeated for credit.		06
Various Disciplines	1980	Internship	This course will provide the flexibility of offering a discipline specific internship.	1-3	