North Hennepin
Community College

2021-2022 Academic Programs and Courses

Degrees and Certificates:

- .Net Programming Certificate
- Accounting, Management and Computer Systems Certificate
- Accounting Skills Certificate
- Accounting Technology AAS
- Accounting Transfer Pathway AS
- American Sign Language Certificate
- Application Programming Certificate
- Art Transfer Pathway, AFA
- Associate of Arts – Liberal Arts AA
- Biology Transfer Pathway AS
- Building Inspection Technology Certificate
- Business Transfer Pathway AS
- Business Communications and Technology Essentials Certificate
- Business Computer Systems and Management AAS
- Business Computer Systems and Management AS
- Business Principles Certificate
- Chemistry Transfer Pathway AS
- Computer Science Transfer Pathway AS
- Communication and Computers Certificate
- Communication Studies Transfer Pathway AA
- Construction Quality Assurance and Quality Control
- Construction Management Certificate
- Construction Management AS
- Construction Technology AS, AAS
- Corrections Certificate
- Corrections, AS
- Creative Writing AFA
- Criminal Justice AS
- Data Science AS (coming in Spring 2020)
- Digital Knowledge Analysis
- E-Commerce Essentials Certificate
- Economics Transfer Pathway AA
- Education AS
- Engineering (Pre) AS
- English Transfer Pathway AA
- English Language for Academic Purposes Certificate
- Entrepreneurship AAS
- Entrepreneurship Certificate
- Exercise Science Transfer Pathway AS
- Film Emphasis AA
- Finance and Investment Certificate
- Finance Management AAS
- Game Programming Certificate
- Gender and Women's Studies Emphasis AA
- Graphic Design AS
- Health AS
- Health Science Broad Field AS
- History Transfer Pathway AA
- Human Services AS
- Individualized Studies AS
- Internet Programming Certificate
- Law Enforcement Transfer Pathway AS
- Management AAS
- Management Certificate

- Marketing AAS
- Marketing and Sales Certificate
- Mathematics Transfer Pathway AA
- Medical Laboratory Technology AAS
- Microsoft Office Essentials Certificate
- Microsoft Office Principles Certificate
- Microsoft Office Specialist Certificate
- Music AFA
- Nursing (MANE) AS
- Nursing Advanced Standing (MANE) AS
- Object-Oriented Programming
- Paralegal AS
- Paralegal Certificate
- Personal Training Certificate
- Phlebotomy Technician Certificate
- Political Science Transfer Pathway AA
- Project Management Certificate
- Psychology Transfer Pathway AA
- Racial Justice and Social Transformation Certificate
- Spanish Language Certificate
- Studio Arts AFA
- Theatre Transfer Pathway AFA
- Web Graphic Design, Programming, and E-Commerce Certificate
- Wellness Coach Certificate
- Written Communication Skills 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 and 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 the Wellness Requirement for each AA degree with Health and Exercise Science 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, they are encouraged to work with an Academic Advisor to fulfill requirements for transfer to the other institution.
6. Students have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Student 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:

- Communication Studies Transfer Pathway
- Economics Transfer Pathway
- Emphasis in Gender and Women's Studies
- English Transfer Pathway
- Film
- Gender and Women's Studies Emphasis
- History Transfer Pathway
- Liber Arts
- Math Transfer Pathway
- Political Science Transfer Pathway
- Psychology Transfer Pathway

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.

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 Programs:

- Art Transfer Pathway
- Creative Writing
- Music
- Studio Arts
- Theatre Transfer Pathway

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 2.0 (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 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. Students have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Student 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 Transfer Pathway
- Biology Transfer Pathway
- Business Transfer Pathway
- Business Computer Systems and Management
- Chemistry Transfer Pathway
- Construction Technology
- Construction Management
- Corporate Wellness
- Corrections
- Computer Science Transfer Pathway
- Criminal Justice
- Data Science
- Education
- Exercise Science Transfer Pathway
- Graphic Design
- Health
- Health Science Broad Field
- Human Services
- Individualized Studies
- Law Enforcement Transfer Pathway
- Pre-Engineering
- Paralegal
- Registered Nursing (MANE)*

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 grad 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/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
- Construction Technology
- Entrepreneurship
- Finance Management
- Management
- Marketing
- Medical Laboratory Technology*

*See the NHCC website (www.nhcc.edu) and for degree application deadlines for specialized programs.

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. Students have two year to complete the certificate requirements as published in the catalog in effect at the time oftheir initial enrollment. Students taking longer than two years to complete their certificate requirements may follow any catalog published during the two-year period preceding their completion.

North Hennepin Community College offers the following Certificate Programs:

- .Net Programming
- Accounting Skills
- Accounting, Management, and Computer Information Systems
- Application Programming
- American Sign Language
- Business, Communications, and Technology
- Building Inspection Technology
- Business Principles
- Chemical Laboratory Assistant
- Communication and Computers
- Construction Management
- Construction Quality Assurance and Quality Control
- Corrections
- Digital Knowledge Analysis
- English Language for Academic Purposes
- Entrepreneurship

- Finance
- Finance and Investment
- Game Programming
- Internet Programming
- Management
- Marketing and Sales
- Microsoft Office Principles
- Microsoft Office Specialist
- Object-Oriented Programming
- Project Management Essentials
- Paralegal
- Personal Training
- Phlebotomy Technician Certificate
- Racial Justice and Social Transformation
- Spanish
- Wellness Coach
- Web Graphic Design, Programming, and E-commerce Graphic Design
- Written Communication Technologies

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:

ART	1550	Video Game Entertainment	3
COMM	1010	Fundamentals of Public Speaking	3
COMM	1110	Principles of Interpersonal Communication	3
COMM	1210	Small Group Communication	3
COMM	1410	Human Communication Theory	3
COMM	1510	Nonverbal Communication	3
COMM	1550	Video Game Entertainment	3
COMM	1610	Introduction to Mass Communication	3
COMM	1710	Oral Interpretation and Traditions	3
COMM	1810	Introduction to Health Communication	3
COMM	1910	Argumentation and Public Advocacy	3
COMM	2610	Introduction to Public Relations and Strategic Communication	3
ENGL	1200	Gateway College Writing	4
ENGL	1201	College Writing I	4
ENGL	1202	College Writing II	2

ENGL	1800	Introduction to Journalism	3
TFT	1710	Oral Interpretation and Traditions	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 o 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. Completion of the MnTC and/or thecompletion of an Associate Degree fulfills the Critical Thinking requirement.

MnTC Approved Courses for Goal Area 2:

ADEV	1950	Reading Texts Critically	3
CSCI	2010	Discrete Mathematical Structures	4
COMM	1910	Argumentation and Public Advocacy	3
COMM	2610	Introduction to Public Relations and Strategic Communication	3
ENGL	1202	College Writing II	3
HIST	1010	World History: Origins to 1300	3
HIST	1020	World History: 1300 to Present	3
HIST	1110	History of Western Civilization Pre 1550	3
HIST	1120	History of Western Civilization 1550 to Present	3
HONR	1000	Honors Seminar	1
MATH	1210	Applied Statistics	4
MATH	2000	Discrete Mathematical Structures	4
PHIL	1110	Informal Reasoning for Problem Solving	3
PHIL	1220	Health Care Ethics	3
PSYC	2000	Statistics for the Behavioral Sciences	4

Goal Areal 3: Natural Science

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.

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 *.

MnTC Approved Courses for Goal Area 3:

ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3
BIOL	1000	Life Science	4
BIOL	1001	Biology I	4
BIOL	1030	Boundary Waters Canoe Area Field Biology	4
BIOL	1101	Principles of Biology I	4
BIOL	1102	Principles of Biology II	4
BIOL	1120	Human Biology	3
BIOL	1130	Human Biology with a Lab	4
BIOL	1140	Introduction to Human Genetics and Origins	4
BIOL	1160	Global Environment Field Biology	4
BIOL	1200	Current Environmental Issues	4
BIOL	1350	Biology of Women	3
BIOL	1360	Biology of Women with a Lab	4
BIOL	1610	Field Ecology	1
BIOL	1650	Human Biology Series	1

BIOL	2020	Animal Biology	4
BIOL	2030	Plant Biology	4
BIOL	2100	Microbiology	4
BIOL	2111	Human Anatomy and Physiology I	4
BIOL	2112	Human Anatomy and Physiology II	4
BIOL	2360	Genetics	4
BIOL	2610	General Ecology	4
CHEM	1000	Chemistry and Society	4
CHEM	1010	Introduction to Chemistry	4
CHEM	1030	Introduction to Physical Sciences	4
CHEM	1061	Principles of Chemistry I	4
CHEM	1062	Principles of Chemistry II	4
EEVS	1100	Physical Geology	4
EEVS	1130	Rocky Mountain Field Study	4
EEVS	1140	Historical Geology	4
EEVS	1150	Boundary Waters Field Geology	4
EEVS	1160	Global Environmental Field Geology	4
EEVS	1170	Minnesota Field Geological Series: Glacial Geology	2
EEVS	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2
EEVS	1190	Minnesota Field Geology Series: Minnesota Rivers	2
EEVS	1200	Oceanography	3
EEVS	1201	Oceanography Lab	1
EEVS	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2
EEVS	2000	Introduction to Environmental Science	3
GEOG	1010	Physical Geography	3
NSCI	1000	Conceptual Physics	4
NSCI	1010	Science of Disaster Workshop I	1
NSCI	1020	Science of Disaster Workshop II	1
NSCI	1030	Science of Disaster Workshop III	1
NSCI	1050	Astronomy	4
NSCI	1060	The Solar System	3
NSCI	1061	Solar System Lab	1
NSCI	1070	Concepts of the Stars and Universe	3
NSCI	1071	Stars and the Universe Lab	1
NSCI	1100	Physical Geology	4
NSCI	1110	Minnesota's Natural History	4
NSCI	1120	Meteorology	4
NSCI	1140	Historical Geology	4
NSCI	1170	Minnesota Field Geology Series: Glacial Geology	2
NSCI	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2
NSCI	1190	Minnesota Field Geology Series: Fluvial Geology	2
NSCI	1200	Oceanography	3
NSCI	1201	Oceanography Lab	1
NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2
PHYS	1000	Conceptual Physics	4
PHYS	1030	Introduction to Physical Sciences	4
PHYS	1050	Astronomy	4
PHYS	1060	The Solar System	3
PHYS	1061	Solar System Lab	1
PHYS	1070	Concepts of the Stars and Universe	3
PHYS	1071	Stars and the Universe lab	1
PHYS	1120	Meteorology	4
PHYS	1140	Energy Aspects of Our Physical Environment	3
PHYS	1201	Principles of Physics I	5
PHYS	1202	Principles of Physics II	5
PHYS	1231	Principles of Physics I	4
PHYS	1232	Principles of Physics II	4
PHYS	1601	General Physics I	5

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:

CSCI	2010	Discrete Mathematical Structures	4
MATH	1010	Survey of Mathematics	3
MATH	1031	Math for Elementary Education I	3
MATH	1032	Math for Elementary Education II	3
MATH	1130	Elementary Statistics	3
MATH	1140	Finite Mathematics	3
MATH	1150	College Algebra	3
MATH	1170	Pre-Calculus	4
MATH	1180	College Algebra and Pre-Calculus	5
MATH	1200	Calculus Survey	3
MATH	1210	Applied Statistics	4
MATH	1221	Calculus I	5
MATH	1222	Calculus II	5
MATH	2000	Discrete Mathematical Structures	4
MATH	2010	Probability and Statistics	3
MATH	2220	Calculus III	5
MATH	2300	Linear Algebra	4
MATH	2400	Differential Equations	4
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.

Students must complete a minimum of nine (9) credits in three of these courses.

MnTC Approved Course for Goal Area 5:

ANTH	1010	Introduction to Anthropology: Cultural Anthropology	3
ANTH	1130	The Archaeology of Ancient Europe	3
ANTH	1140	Anthropology of Religion	3
ECON	1050	Economics of Crime	3
ECON	1060	Principles of Macroeconomics	3
ECON	1070	Principles of Microeconomics	3
GCST	1490	Dave Larsen American Indian Immersion Experience	4
GCST	1350	Immigration and Society	3
GCST	1501	Introduction to Gender and Women's Studies	3
GCST	1504	Feminism and Capitalism	3
GCST	1505	Women and War	3
GCST	1964	African American Civil Rights Immersion Experience	4
GEOG	1020	United States Geography	3
GEOG	1040	Human Geography	3
GEOG	1100	World Geography	3
GWS	1504	Feminism and Capitalism	3
GWS	1501	Introduction to Gender and Women's Studies	3
GWS	1505	Women and War	3

HIST	1010	World History: Origins to 1300	3
HIST	1020	World History: 1300 to Present	3
HIST	1030	Colonial History of the Americas	3
HIST	1110	History of Western Civilization Pre 1550	3
HIST	1120	History of Western Civilization 1550 to Present	3
HIST	1200	History of United States Through 1877	3
HIST	1210	History of the United States Since 1877	3
HIST	1230	U.S. Labor History	3
HIST	1270	Race in America	3
HIST	2500	World Regional History	3
HIST	2600	Intellectual History	3
HIST	2700	History and Popular Culture	3
POLS	1100	American Government and Politics	3
POLS	1140	State and Local Politics	3
POLS	1600	Comparative Politics	3
POLS	1700	World Politics	3
POLS	2130	Constitutional Law	3
PSYC	1150	General Psychology	3
PSYC	1160	Introduction to Psychology	4
PSYC	1165	Psychology of Adjustment	3
PSYC	1170	Psychology of Gender	3
PSYC	1210	Child Development	3
PSYC	1220	Psychology of Aging	3
PSYC	1250	Life Span Developmental Psychology	4
PSYC	2000	Statistics for the Behavioral Sciences	4
PSYC	2110	Principles of Social Psychology	3
PSYC	2320	Psychological Disorders	3
PSYC	2330	Personality Psychology	3
PSYC	2340	Human Sexuality	3
PSYC	2350	Multicultural Psychology	3
SOC	1110	Introduction to Sociology	3
SOC	1710	Introduction to Criminal Justice	3
SOC	1750	Families in Crisis	3
SOC	2110	Principles of Social Psychology	3
SOC	2210	Social Inequality	3
SOC	2730	Introduction to Corrections	3
SOC	2750	Community Corrections	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.

Students must complete a minimum of nine (9) credits in three of these courses. Courses must come from at least two different departments.

MnTC Approved Course for Goal Area 6:

ARBC	1030	Arab Cultures	3
ART	1010	Art Museum Tour: European Art	1
ART	1020	Art Museum Tour: World Art	1
ART	1040	Introduction to Art	3
ART	1050	Foundation of Digital Imaging	3
ART	1101	Photography I	3
ART	1102	Photography II	3
ART	1160	Digital Photography	3
ART	1170	Advanced Photography	3

ART	1270	Digital Video Production	3
ART	1301	Two Dimensional Design I	3
ART	1302	Two Dimensional Design II	3
ART	1310	Three Dimensional Design	3
ART	1320	Introduction to Sculpture	3
ART	1340	Fundamentals of Color	3
ART	1361	Ceramics I	3
ART	1362	Ceramics II	3
ART	1401	Drawing I	3
ART	1402	Drawing II	3
ART	1550	Video Game Entertainment	3
ART	1601	Art History I: Ancient to Medieval	3
ART	1602	Art History II: 15th Century to Contemporary	3
ART	1650	Architectural History	2
ART	1770	Quilt Arts	3
ART	1810	Studio Art Workshop	1
ART	1820	Studio Art Workshop	2
ART	2180	Art History: Pre-History to the Age of Cathedrals	3
ART	2190	Art History: Renaissance to 21st Century Art	3
ART	2611	Painting I	3
ART	2612	Painting II	3
ART	2640	Watercolor	3
ART	2740	Jewelry Workshop	1
ART	2750	Ceramics Workshop	1
ART	2781	Quiltmaking Workshop I	1
ART	2782	Quiltmaking Workshop II	1
ART	2800	Painting Workshop	1
ART	2820	Drawing Workshop	1
ART	2860	Photography Workshop	1
ART	2900	Studio Arts Capstone Practicum	1
ART	2970	Art Appreciation Field Trip	1
COMM	1550	Video Game Entertainment	3
ENGL	1250	Magazine Workshop	2
ENGL	1900	Introduction to Creative Writing	3
ENGL	1950	Graphic Novels	3
ENGL	2010	Writing Creative Non-Fiction and Memoir	3
ENGL	2020	Writing Stories	3
ENGL	2030	Writing Poetry	3
ENGL	2150	Introduction to Literary Studies	3
ENGL	2250	Japanese Literature	3
ENGL	2270	Modern American Literature	3
ENGL	2300	Children's Literature	3
ENGL	2320	Writing: From Structure to Style	3
ENGL	2330	Hmong American Literature	3
ENGL	2340	Nature in Literature	3
ENGL	2350	Women and Literature	3
ENGL	2360	Global Literary Perspectives	3
ENGL	2370	African American Literature	3
ENGL	2380	American Indian Literature	3
ENGL	2390	Work in American Literature	3
ENGL	2400	Utopian/Dystopian Literature	3
ENGL	2410	US Latinx and Latin American Literature	3
ENGL	2450	Survey of American Literature I	3
ENGL	2460	Survey of American Literature II	3
ENGL	2500	Playwriting	3
ENGL	2540	Introduction to Literary Studies: Reading Poetry	3
ENGL	2550	Survey of British Literature I	3
ENGL	2560	Survey of British Literature II	3
ENGL	2570	Introduction to Literary Studies: Reading Plays	3

ENGL	2580	Shakespeare's Plays	3
ENGL	2590	Introduction to Literary Studies: American Short Story	3
ENGL	2900	Fantasy Literature	3
ENGL	2950	Mystery and Detective Fiction	3
GCST	1030	Introduction to Japanese Culture	3
GCST	1978	American Indian Cultural Expression	3
GCST	2250	Japanese Literature	3
GCST	2410	US Latinx and Latin American Literature	3
MUSC	1130	Concert Choir	1
MUSC	1160	Large Instrumental Ensemble	1
MUSC	1170	Instrumental Jazz Ensemble	1
MUSC	1180	Small Group Performance Ensemble	1
MUSC	1190	Garage Band	2
MUSC	1200	Fundamentals of Music	3
MUSC	1220	Music Appreciation	3
MUSC	1241	Music Theory I	3
MUSC	1242	Music Theory II	3
MUSC	1300	Music in World Cultures	3
MUSC	1350	History of Rock and Roll	3
MUSC	1370	Video Game Music	3
MUSC	1501	Class Guitar I	2
MUSC	1502	Class Guitar II	2
MUSC	1510	Applied Music: Guitar	1
MUSC	1600	Class Voice	2
MUSC	1610	Applied Music: Voice	1
MUSC	1801	Class Piano I	2
MUSC	1802	Class Piano II	2
MUSC	1810	Applied Music: Piano	1
MUSC	1830	Applied Music: Strings	1
MUSC	1850	Applied Music: Percussion	1
MUSC	1860	Applied Music: Brass	1
MUSC	1870	Applied Music: Woodwinds	1
MUSC	2010	Advanced Applied Music Lessons	2
MUSC	2170	History of Music I: Medieval Through Classical Eras	3
MUSC	2180	History of Music II: Romantic Era to the 21st Century	3
MUSC	2241	Music Theory III	3
MUSC	2242	Music Theory IV	3
MUSC	2970	Music Tour	1
PHIL	1010	Introduction to Philosophy	3
PHIL	1020	Ethics	3
PHIL	1030	Eastern Religions	3
PHIL	1040	Western Religions	3
PHIL	1060	Philosophy of Religion	3
PHIL	1070	Political Philosophy	3
PHIL	1080	Comparative World Religions	3
PHIL	1120	Ethics in Organizations	3
PHIL	1200	Environmental Philosophy	3
PHIL	1210	Global Justice, Peace and Conflict	3
PHIL	1220	Health Care Ethics	3
PHIL	1230	Food Ethics	3
SPAN	1030	Spanish and Latin American Culture	3
SPAN	2201	Intermediate Spanish I	5
SPAN	2202	Intermediate Spanish II	5
TFT	1200	Theatre in the Twin Cities	3
TFT	1210	Introduction to Theatre	3
TFT	1250	Introduction to Film	3
TFT	1260	Introduction to Television	3
TFT	1270	Digital Video Production	3
TFT	1280	Introduction to Screenwriting	3

TFT	1290	Design for Theatre	3
TFT	1310	American Cinema	3
TFT	1320	World Cinema	3
TFT	1350	The American Musical Theatre	3
TFT	1450	Stagecraft	3
TFT	1500	Acting I	3
TFT	1510	Movement and Voice	3
TFT	1520	Acting II: Building Characters	3
TFT	1531	Stage Combat I	3
TFT	1532	Stage Combat II	3
TFT	1540	Acting for the Camera	3
TFT	1600	Theatre Practicum: Performance	
TFT	1610	Theatre Practicum: Technical	
TFT	2010	Fundamentals of Directing	3
TFT	2150	Play Analysis	3
TFT	2500	Playwriting	3
TFT	2550	Acting II	3
TFT	2950	Theatre Appreciation Field Trip	

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 Course for Goal Area 7:

ANTH	1140	Anthropology of Religion	3
ASL	1300	Deaf Culture	3
ASL	1320	Black Deaf Culture and History	3
COMM	1110	Principles of Interpersonal Communication	3
COMM	1210	Small Group Communication	3
COMM	1310	Intercultural Communication	3
ENGL	2300	Children's Literature	3
ENGL	2320	Writing: From Structure to Style	3
ENGL	2330	Hmong American Literature	3
ENGL	2350	Women and Literature	3
ENGL	2360	Global Literary Perspectives	3
ENGL	2370	African American Literature	3
ENGL	2380	American Indian Literature	3
ENGL	2410	US Latinx and Latin American Literature	3
ENGL	2450	Survey of American Literature I	3
ENGL	2460	Survey of American Literature II	3
ENGL	2570	Introduction to Literary Studies: Reading Plays	3
ENGL	2900	Fantasy Literature	3
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	3
GCST	1220	Practical Applications of Traditional Aikido	2
GCST	1301	Introduction to Ethnic Studies	3
GCST	1350	Immigration and Society	3
GCST	1320	Community Organizing I	3
GCST	1380	Personal Story Telling	2
GCST	1501	Introduction to Gender and Women's Studies	3
GCST	1502	Human Trafficking	3
GCST	1503	Masculinities	3
GCST	1700	Foundations of Racial Justice	3
GCST	1507	Mass Incarceration	3
GCST	1978	American Indian Cultural Expression	3
GCST	2000	Theories of Race and Ethnicity	3
GCST	2410	US Latinx and Latin American Literature	3
GWS	1501	Introduction to Gender and Women's Studies	3
GWS	1502	Human Trafficking	3
GWS	1503	Masculinities	3
GWS	1507	Mass Incarceration	3
GEOG	1020	United States Geography	3
HIST	1200	History of United States Through 1877	3
HIST	1210	History of the United States Since 1877	3

HIST	1270	Race in America	3
PHIL	1040	Western Religions	3
PSYC	1165	Psychology of Adjustment	3
PSYC	1170	Psychology of Gender	3
PSYC	2110	Principles of Social Psychology	3
PSYC	2340	Human Sexuality	3

SOC	1110	Introduction to Sociology	3
SOC	1130	Social Problems/Deviance	3
SOC	2110	Principles of Social Psychology	3
SOC	2210	Social Inequality	3
TFT	1210	Introduction to Theatre	3
TFT	1310	American Cinema	3
TFT	1350	The American Musical Theatre	3

Goal Area 8: Global Perspectives

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 Course for Goal Area 8:

ANTH	1010	Introduction to Anthropology: Cultural Anthropology	3
ARBC	1030	Arab Cultures	3
ARBC	1101	Introduction to Arabic	4
ARBC	1102	Beginning Arabic II	4
ARBC	2201	Intermediate Arabic I	4
ART	1040	Introduction to Art	3
ART	1650	Architectural History	2
ART	2180	Art History: Pre-History to the Age of Cathedrals	3
ART	2190	Art History: Renaissance to 21st Century Art	3
ART	2300	Architectural History	2
ASL	1101	American Sign Language I	4
ASL	1102	American Sign Language II	4
ASL	2201	Intermediate American Sign Language I	4
ASL	2202	Intermediate American Sign Language II	4
COMM	1310	Intercultural Communication	3
COMM	1510	Nonverbal Communication	3
COMM	1710	Oral Interpretation and Traditions	3
ECON	1060	Principles of Macroeconomics	3
ENGL	2250	Japanese Literature	3
ENGL	2400	Utopian/Dystopian Literature	3
ENGL	2550	Survey of British Literature I	3
ENGL	2560	Survey of British Literature II	3
ENGL	2580	Shakespeare's Plays	3
GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	3
GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	3
GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III	3
GCST	2250	Japanese Literature	3
GCST	2320	Community Organizing II	3
GEOG	1040	Human Geography	3
GEOG	1100	World Geography	3
GEOG	1190	Area Studies	3
HIST	1010	World History: Origins to 1300	3
HIST	1020	World History: 1300 to Present	3
HIST	1030	Colonial History of the Americas	3
HIST	1110	History of Western Civilization Pre 1550	3
HIST	1120	History of Western Civilization 1550 to Present	3
HIST	1130	History of the Medieval West	3
HIST	1140	History of the Ancient West	3
HIST	2500	World Regional History	3
MUSC	1220	Music Appreciation	3
MUSC	1300	Music in World Cultures	3
MUSC	2170	History of Music I: Medieval Through Classical Eras	3
MUSC	2180	History of Music II: Romantic Era to the 21st Century	3
PHIL	1010	Introduction to Philosophy	3
PHIL	1030	Eastern Religions	3
PHIL	1060	Philosophy of Religion	3
PHIL	1080	Comparative World Religions	3
PHIL	1210	Global Justice, Peace and Conflict	3
POLS	1600	Comparative Politics	3
POLS	1700	World Politics	3
PSYC	2350	Multicultural Psychology	3
SPAN	1030	Spanish and Latin American Culture	3
SPAN	1101	Beginning Spanish I	5

SPAN	1102	Beginning Spanish II	5
SPAN	2201	Intermediate Spanish I	5
SPAN	2202	Intermediate Spanish II	5
TFT	1260	Introduction to Television	3
TFT	1320	World Cinema	3
TFT	1710	Oral Interpretation and Traditions	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:

COMM	1610	Introduction to Mass Communication	3
COMM	1810	Introduction to Health Communication	3
ECON	1050	Economics of Crime	3
ENGL	1800	Introduction to Journalism	3
ENGL	2390	Work in American Literature	3
ENGL	2950	Mystery and Detective Fiction	3
GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	3
GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	3
GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III	3
GCST	1220	Practical Applications of Traditional Aikido	2
GCST	1301	Introduction to Ethnic Studies	3
GCST	1320	Community Organizing I	3
GCST	1490	Dave Larsen American Indian Immersion Experience	4
GCST	1502	Human Trafficking	3
GCST	1503	Masculinities	3
GCST	1504	Feminism and Capitalism	3
GCST	1507	Mass Incarceration	3
GCST	1700	Foundations of Racial Justice	3
GCST	1505	Women and War	3
GCST	1964	African American Civil Rights Immersion Experience	4
GCST	2000	Theories of Race and Ethnicity	3
GWS	1502	Human Trafficking	3
GWS	1503	Masculinities	3
GWS	1504	Feminism and Capitalism	3
GWS	1507	Mass Incarceration	3
HIST	1230	U.S. Labor History	3
HIST	2600	Intellectual History	3
HIST	2700	History and Popular Culture	3
PHIL	1020	Ethics	3
PHIL	1070	Political Philosophy	3
PHIL	1110	Informal Reasoning for Problem Solving	3
PHIL	1120	Ethics in Organizations	3
PHIL	1220	Health Care Ethics	3
POLS	1100	American Government and Politics	3
POLS	1140	State and Local Politics	3
SOC	1130	Social Problems/Deviance	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:

ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3
ANTH	1130	The Archaeology of Ancient Europe	3
BIOL	1030	Boundary Waters Canoe Area Field Biology	4
BIOL	1160	Global Environment Field Biology	4
BIOL	1200	Current Environmental Issues	4
BIOL	1600	Biology of Nature Series	1
BIOL	1610	Field Ecology	1
CHEM	1000	Chemistry and Society	4
CHEM	1010	Introduction to Chemistry	4
EEVS	1140	Historical Geology	4
EEVS	1150	Boundary Waters Field Geology	4
EEVS	1160	Global Environmental Field Geology	4
EEVS	1170	Minnesota Field Geological Series: Glacial Geology	2
EEVS	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2
EEVS	1190	Minnesota Field Geology Series: Minnesota Rivers	2
EEVS	1200	Oceanography	3
EEVS	1201	Oceanography Lab	1
EEVS	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2
EEVS	2000	Introduction to Environmental Science	3
ENGL	2340	Nature in Literature	3
GCST	1030	Introduction to Japanese Culture	3
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	3
GCST	2320	Community Organizing II	3
GEOG	1010	Physical Geography	3
GEOG	1190	Area Studies	3
NSCI	1110	Minnesota's Natural History	4
NSCI	1140	Historical Geology	4
NSCI	1170	Minnesota Field Geology Series: Glacial Geology	2
NSCI	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2
NSCI	1190	Minnesota Field Geology Series: Fluvial Geology	2
NSCI	1200	Oceanography	3
NSCI	1201	Oceanography Lab	1
NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2
PHIL	1200	Environmental Philosophy	3
PHIL	1230	Food Ethics	3
PSYC	1220	Psychology of Aging	3

Cert: .NET Programming
2021-2022

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
CSCI1040	Fundamentals of Structured Query Language (SQL)	3
CSCI1150	Programming in C# for .NET	4
CSCI2060	Web Programming in ASP.NET	4
1 course from CSCI1020, CSCI1025:		
CSCI1020	Beginning Web Page Programming ***or***	1
CSCI1025	Responsive Web Design	1

NHCC Residency and GPA

Course No.	Course Title	Credits
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 How to deploy a Web site
- Specifics of programming Internet-based applications andservices
- How to program ASP.NET-based Web sites utilizing C# language
- How to employ Microsoft SQL Server to process and store the data associated with .NETapplications

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: https://careerwise.minnstate.edu/careers/ 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: Accounting, Management and Computer Systems

2021-2022

The Accounting, Management and Computer Information Systems Certificate is designed to provide a foundation in the study of accounting, business, and computer information systems. Students can use this certificate to enhance their skills in these areas of study or apply these credits to other certificates or associate's degrees with or without the intent to transfer.

Program Courses

Course No.	Course Title	Credit s
Program Courses - 10 credits:		
ACCT 2111	Financial Accounting	4
BUS 2200	Principles of Management	3
CIS 1101	Business Computer Systems I	3

NHCC Residency and GPA

Course No.	Course Title	Credits
3 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 10

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.

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Program Outcomes

- Create, format, analyze, and present documents such as Word documents, Excel documents, Access documents, and PowerPoint presentations to effectively communicate in business in accordance with professional standards.
- Within the context of the topics covered, exercise judgment to solve real-world accounting problems using accounting data
- Analyze managerial cases in planning, organizing, directing, and controlling and apply basicmanagement concepts to develop proactive solutions

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.bls.gov.

Accreditation

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Transfer Information

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

Transfer Information

Core Accounting Skills
2021-2022

This certificate is for students to learn basic accounting, computer, and business communication skills to enter the work-force in an entry-level accounting position. Courses can be applied to the Accounting Transfer Pathway AS degree or the Accounting Technology AAS degree. The courses in this program are delivered in the classroom and/or online.

Program Courses

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
ACCT2230	Computerized Accounting with QuickBooks	3
CIS1101	Business Computer Systems I	3
CIS1220	Decision Making Excel	3
CIS1260	Business Communications and Technology	3

Subtotal 16

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- 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 Excel and QuickBooks

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.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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

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

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 CommunityCollege.

Developmental Courses

Some students mayneed preparatory course(s) in Mathand/or English. Courses numbered below 1000 willnotapply toward a degree.

Equal Opportunity Employer and Disability Access Information

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AAS: Accounting Technology
2021-2022

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 federalreports. 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.

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1100	Introduction to Business	3
BUS1300	Legal Environment of Business	3
BUS2200	Principles of Management	3
BUS2600	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
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
COMM1010	Fundamentals of Public Speaking	3
ECON1070	Principles of Economics Micro	3
ENGL1202	College Writing II	2
College Writing I: (minimum grade 1.67)		
ENGL1200	Gateway College Writing (minimum grade 1.67)	4
ENGL1201	College Writing I (minimum grade 1.67)	4

MnTC Electives

Course No.	Course Title	Credits
MnTC Electives from at least 3 MnTC Goal Areas		
(The MnTC Electives selected must total a minimum of 8 credits.)		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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

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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

AS: Accounting Transfer Pathway

2021-2022

The Accounting Transfer Pathway Associate of Science Degree is designed for students who are interested in transferring after graduation to pursue a four-year baccalaureate degree in accounting. This transfer pathway specifically ensures that a student who successfully completes an Accounting Transfer Pathway Associate of Science Degree can transfer the entire completed degree into a designated parallel baccalaureate degree program in Accounting at any of the following universities.

Minnesota State Universities:

- Metropolitan State University (Options to continue at NHCC)
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
ACCT2112	Managerial Accounting	4
ACCT2230	Computerized Accounting with QuickBooks	3
ACCT2300	Accounting Capstone	4
BUS1300	Legal Environment of Business	3
BUS2200	Principles of Management	3
BUS2600	Principles of Marketing	3
CIS1101	Business Computer Systems I	3
CIS1220	Decision Making Excel	3

Subtotal 30

General Education Courses

Course No.	Course Title	Credits
COMM1010	Fundamentals of Public Speaking	3
ECON1060	Principles of Economics Macro	3
ECON1070	Principles of Economics Micro	3
MATH1130	Elementary Statistics	3
MATH1150	College Algebra	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
Natural Sciences (Goal Area 3) - 4 credits		
The Humanities and Fine Arts (Goal Area 6) - 3 credits		
MnTC Elective (Goal Area 7 recommended) - 2 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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/technicalcredits.
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

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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

Cert: American Sign Language
2021-2022

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
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
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

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.

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Career Opportunities

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

Accreditation

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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

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.

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Cert: ApplicationProgramming
2021-2022

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

Program Courses

Course No.	Course Title	Credits
Program Courses - 12 credits:		
CSCI1120	Programming in C/C++***or***	4
CSCI1130	Introduction to Programming in Java (CS0) ***or***	4
CSCI1150	Programming in C# for .NET ***or***	4
CSCI2001	Object Oriented Programming (CS1) ***or***	4
CSCI2002	Data Structures and Algorithms (CS2) ***or***	4
CSCI2020	Computer Architecture ***or***	4
CSCI2060	Web Programming in ASP.NET	4

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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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: https://careerwise.minnstate.edu/careers/ andwww.bls.gov.

Accreditation

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Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help: www.nhcc.edu/transfer

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.

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AFA: Art Transfer Pathway
2021-2022

The Art Transfer Pathways AFA 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 MinnState 4 year institutions.

- Metropolitan State University (Options to continue at NHCC)
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
ART1050	Foundations of Digital Imaging	3
ART1301	Two Dimensional Design I	3
ART1310	Three Dimensional Design	3
ART1340	Fundamentals of Color	3
ART1401	Drawing I	3
ART1601	Art History I: Ancient to Medieval	3
ART 1602	Art History II: 15th Century to Contemporary	3
ART2900	Capstone	1

Program Electives (Choose a minimum of 4 courses):

Course No.	Course Title	Credits
Program Electives - 12 credits:		
ART1102	Photography I ***or***	3
ART1160	Digital Photography ***or***	3
ART1320	Introduction to Sculpture ***or***	3
ART1361	Ceramics I ***or***	3
ART1362	Ceramics II ***or***	3
ART1402	Drawing II ***or***	3
ART1770	Quilt Arts ***or***	3
ART2611	Painting I	3

Free Elecive Courses (Choose a minimum of 6 additional studio credits):

Course No.	Course Title	Credits
ART 1102	Photography II ***or***	3
ART 1270	Digital Video Production ***or***	3
ART1302	2D Design II ***or***	3
ART1550	Video Game Entertainment ***or***	3
ART1810	Studio Art Workshop ***or***	1
ART1820	Studio Art Workshop ***or***	2
ART2612	Painting II	3

General Education Courses

Course No.	Course Title	Credits
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
Natural Sciences (Goal Area 3)- 4 credits with a lab		

History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits
Humanities (Goal Area 6 any courses outside of ART) - 1 credit
Any MnTC Goal Area class (Goal Areas 1-10) - 3 credits

NHCC Residency and GPA

Course No.	Course Title	Credits

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

Program Outcomes including Essential Learning Outcomes

Completion of the ART AFA Transfer Pathway degree will meet all lower division major content and competency requirements needed to prepare students to enroll in the major at a Minnesota State University.

Additionally, students will:

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

• The study of creative accomplishments, in the context of other people and cultures, past and present, in a visual arts framework. (ELO 1, 2a, 3b, 4b, c, d, e)

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. (ELO 1, 2a, 3b, 4a, b, c, d, e)

• Oral and written ability to think critically and analyze contemporary and historical works of art from multiple cultures. (ELO 2a, b, e, 3b, 3c, 4b, c, d, e)

• General rules of visual literacy (two- and three-dimensional design principles, drawing from observation, color theory, digital and photographic technology, and ceramic methodologies) (ELO 1, 2a, e, 3b, 4 c, d, e)

Demonstrate personal and social responsibility, including:

• Understanding forms and concepts associated with the history of art including western, nonwestern, modern and contemporary art. (ELO 1, 3b, 4b)

• Developing constructive, organized studio work habits (ELO 1, 2e, 4e)

• Developing safe practices in the use of art materials and equipment. (ELO 1, 2e)

• Communicating issues of critical thinking skills via the creation of artworks and participation in the formal critique process. (ELO 1, 2b, c, 3b, c, 4b, d, e)

Integrative Learning, including:

• Producing a portfolio of artworks (ELO 4c, e)

• Producing work for inclusion in the juried student art exhibition (ELO 4c, e)

• Participating in the capstone practicum course (ELO 1, 2a, 4c, e)

Having art works published in Under Construction, the literary art magazine. (ELO 2a, 4c, e)

Accreditation

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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.

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Career Opportunities

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Transfer Information

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AA: Liberal Arts
2021-2022

The Associate of 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	Other Goal Area
College Writing I and II: (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	
ENGL1800	Introduction to Journalism (check with transfer institution)	3	9
Communication - 1 course, 3 credits:			
ART1550	Video Game Entertainment	3	6
COMM1010	Fundamentals of Public Speaking	3	
COMM1110	Principles of Interpersonal Communication	3	7
COMM1210	Small Group Communication	3	7
COMM1410	Human Communication Theory	3	
COMM1510	Nonverbal Communication	3	8
COMM1550	Video Game Entertainment	3	6
COMM1610	Introduction to Mass Communication	3	9
COMM1710	Oral Interpretation and Traditions	3	8
COMM1810	Introduction to Health Communication	3	9
COMM1910	Argumentation and Public Advocacy	3	2
COMM2610	Introduction to Public Relations and Strategic Communications	3	9, 2
TFT1710	Oral Interpretation and Traditions	3	8

Goal Area 2: Critical Thinking

Course No.	Course Title	Credits	Other Goal Area
Completion of the MnTC fulfills Goal Area 2 Critical Thinking:			
ADEV1950	Reading Texts Critically ***or***	3	
COMM1910	Argumentation and Public Advocacy ***or***	3	1
COMM2610	Introduction to Public Relations and Strategic Communication	3	1, 9
CSCI2010	Discrete Mathematical Structures ***or***	4	4
ENGL1202	College Writing II	2	1
HIST1010	World History: Origins to 1300	3	5, 8
HIST1020	World History: 1300 to Present	3	5, 8
HIST1110	History of Western Civilization: Pre 1550	3	5, 8
HIST1120	History of Western Civilization: 1550 to Present	3	5, 8
HONR1000	Honors Seminar	1	
MATH1210	Applied Statistics	4	4
MATH2000	Discrete Mathematical Structures	4	4
PHIL1110	Informal Reasoning for Problem Solving ***or***	3	9
PHIL1220	Health Care Ethics	3	6, 9
PSYC2000	Statistics for the Behavioral Sciences	4	5

Goal Area 3: Natural Science

Course No.	Course Title	Credits	Other Goal Area
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course (lab courses denoted with *):			

ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3	10
BIOL1000*	Life Science	4	
BIOL1001*	Biology I	4	
BIOL1030	Boundary Waters Canoe Area Field Biology	4	10
BIOL1101*	Principles of Biology I	4	
BIOL1102*	Principles of Biology II	4	
BIOL1120	Human Biology	3	
BIOL1130*	Human Biology with a Lab	4	
BIOL1140*	Introduction to Human Genetics and Origins	4	
BIOL1160	Global Environment Field Biology	4	10
BIOL1200	Current Environmental Issues	4	10
BIOL1350	Biology of Women	3	
BIOL1360	Biology of Women with a Lab	4	
BIOL1610	Field Ecology	1	10
BIOL1650	Human Biology Series	1	
BIOL2100*	Microbiology	4	
BIOL2111*	Human Anatomy and Physiology I	4	
BIOL2112*	Human Anatomy and Physiology II	4	
BIOL2360*	Genetics	4	
BIOL2610*	General Ecology	4	
CHEM1000*	Chemistry and Society	4	10
CHEM1010*	Introduction to Chemistry	4	10
CHEM1030*	Introduction to Physical Sciences	4	
CHEM1061*	Principles of Chemistry I	4	
CHEM1062*	Principles of Chemistry II	4	
EEVS1100*	Physical Geology	4	
EEVS1130	Rocky Mountain Field Study	4	
EEVS1140*	Historical Geology	4	10
EEVS1150*	Boundary Waters Field Geology	4	10
EEVS1160*	Global Environmental Field Geology	4	10
EEVS1170	Minnesota Field Geological Series: Glacial Geology	2	10
EEVS1180	Minnesota Field Geological Series: Caves, Karst, and Ancient Seaways	2	10
EEVS1190	Minnesota Field Geological Series: Minnesota Rivers	2	10
EEVS1200	Oceanography	3	10
EEVS1201	Oceanography Lab	1	10
EEVS1210	Minnesota Field Geological Series: Volcanic, Plutonic and Metamorphic Geology	2	10
EEVS1990	Earth and Environmental Science: Special Topics	1	
EEVS2000	Introduction to Environmental Science	3	10
GEOG1010	Physical Geography	3	10
NSCI1000*	Conceptual Physics	4	
NSCI1010	Science of Disaster Workshop I	1	
NSCI1020	Science of Disaster Workshop II	1	
NSCI1030	Science of Disaster Workshop III	1	
NSCI1050*	Astronomy	4	

NSCI1060	The Solar System	3	
NSCI1061*	Solar System Lab	1	
NSCI1070	Concepts of the Stars and Universe	3	
NSCI1071*	Stars and the Universe Lab	1	
NSCI1100	Physical Geology	4	

NSCI1110	Minnesota's Natural History	4	10
NSCI1120	Meteorology	4	
NSCI1140*	Historical Geology	4	10
NSCI1170	Minnesota Field Geology Series: Glacial Geology	2	10
NSCI1180	Minnesota Field Geology Series: Caves, Karst, and Ancient Seaways	2	10
NSCI1190	Minnesota Field Geology Series: Fluvial Geology	2	10
NSCI1200	Oceanography	3	10
NSCI1201*	Oceanography Lab	1	10
NSCI1210	Minnesota Field Geology Series: Volcanic, Plutonic, and Metamorphic Geology	2	10
PHYS1000*	Conceptual Physics	4	
PHYS1030*	Introduction to Physical Sciences	4	
PHYS1050*	Astronomy	4	
PHYS1060	The Solar System	3	
PHYS1061*	Solar System Lab	1	
PHYS1070	Concepts of the Stars and Universe	3	
PHYS1071*	Stars and the Universe lab	1	
PHYS1120*	Meteorology	4	
PHYS1140	Energy Aspects of Our Physical Environment	3	
PHYS1231*	Principles of Physics I	4	
PHYS1232*	Principles of Physics II	4	
PHYS1400	The Solar System	3	
PHYS1410*	Solar System Lab	1	
PHYS1450	Concepts of the Stars and Universe	3	
PHYS1460*	Concepts of the Stars and Universe Lab	1	
PHYS1601*	General Physics I	5	
PHYS1602*	General Physics II	5	

Goal Area 4: Mathematical/Logical Reasoning

Course No.	Course Title	Credits	Other Goal Area
Mathematical/Logical Reasoning - 1 course, at least 3 credits:			
CSCI2010	Discrete Mathematical Structures	4	2
MATH1010	Survey of Mathematics	3	
MATH1031	Math for Elementary Education I	3	
MATH1032	Math for Elementary Education II	3	
MATH1080	Technical Mathematics	3	
MATH1130	Elementary Statistics	3	
MATH1140	Finite Mathematics	3	
MATH1150	College Algebra	3	
MATH1170	Pre-Calculus	4	
MATH1180	College Algebra and Pre-Calculus	5	
MATH1190	Elementary Functions	5	
MATH1200	Calculus Survey	3	
MATH1210	Applied Statistics	4	2

MATH1221	Calculus I	5	
MATH1222	Calculus II	5	
MATH2000	Discrete Mathematical Structures	4	2
MATH2010	Probability and Statistics	3	
MATH2220	Calculus III	5	

MATH2300	Linear Algebra	3	
MATH2400	Differential Equations	4	
PHIL1050	Introduction to Logic	3	

Goal Area 5: History and the Social and Behavioral Sciences

Course No.	Course Title	Credits	Other Goal Area
History and the Social and Behavioral Sciences - 3 courses, 9 credits:			
ANTH1010	Introduction to Anthropology:Cultural Anthropology	3	8
ANTH1130	The Archaeology of Ancient Europe	3	10
ANTH1140	Anthropology of Religion	3	7
ECON1050	Economics of Crime	3	9
ECON1060	Macroeconomics	3	8
ECON1070	Microeconomics	3	
GCST1350	Immigration and Society	3	3
GCST1490	Dave Larsen American Indian Immersion Experience	4	9
GCST1501	Introduction to Gender and Women's Studies	3	7
GCST1504	Feminism and Capitalism	3	9
GCST1505	Women and War	3	9
GCST1964	African American Civil Rights Immersion Experience	4	9
GEOG1020	United States Geography	3	7
GEOG1040	Human Geography	3	8
GEOG1100	World Geography	3	8
GWS1501	Introduction to Gender and Women's Studies	3	7
GWS1504	Feminism and Capitalism	3	9
GWS1505	Women and War	3	9
HIST1010	World History: Origins to 1300	3	2, 8
HIST1020	World History: 1300 to Present	3	2, 8
HIST1030	Colonial History of the Americas	3	8
HIST1110	History of Western Civilization Pre 1550	3	2, 8
HIST1120	History of Western Civilization 1550 to Present	3	2, 8
HIST1200	History of United States Through 1877	3	7
HIST1210	History of the United States Since 1877	3	7
HIST1230	U.S. Labor History	3	9
HIST1270	Race in America	3	7
HIST2500	World Regional History	3	8
HIST2700	History and Popular Culture	3	9
POLS1100	American Government and Politics	3	9
POLS1140	State and Local Politics	3	9
POLS1600	Comparative Politics	3	8
POLS1700	World Politics	3	8
POLS2130	Constitutional Law	3	
PSYC1150	General Psychology	3	
PSYC1160	Introduction to Psychology	4	

PSYC1165	Psychology of Adjustment	3	7
PSYC1170	Psychology of Gender	3	7
PSYC1210	Child Development	3	
PSYC1220	Psychology of Aging	3	10
PSYC1250	Life Span Developmental Psychology	4	
PSYC2000	Statistics for the Behavioral Sciences	4	2
PSYC2110	Principles of Social Psychology	3	7
PSYC2320	Psychological Disorders	3	
PSYC2330	Personality Psychology	3	

PSYC2340	Human Sexuality	3	7
PSYC2350	Multicultural Psychology	3	8
SOC1110	Introduction to Sociology	3	7
SOC1710	Introduction to Criminal Justice	3	
SOC1750	Families in Crisis	3	
SOC2110	Principles of Social Psychology	3	7
SOC2210	Social Inequality	3	7
SOC2730	Introduction to Corrections	3	
SOC 2750	Community Corrections		

Goal Area 6: The Humanities and Fine Arts

Course No.	Course Title	Credits	Other Goal Area
Humanities and Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines:			
ARBC1030	Arab Cultures	3	8
ART1010	Art Museum Tour: European Art	1	
ART1020	Art Museum Tour: World Art	1	
ART1040	Introduction to Art	3	8
ART1050	Foundation of Digital Imaging	3	
ART1101	Photography I	3	
ART1102	Photography II	3	
ART1160	Digital Photography	3	
ART1170	Advanced Photography	3	
ART1270	Digital Video Production	3	
ART1301	Two Dimensional Design I	3	
ART1302	Two Dimensional Design II	3	
ART1310	Three Dimensional Design	3	
ART1320	Introduction to Sculpture	3	
ART1340	Fundamentals of Color	3	
ART1361	Ceramics I	3	
ART1362	Ceramics II	3	
ART1401	Drawing I	3	
ART1402	Drawing II	3	
ART1550	Video Game Entertainment	3	1
ART1601	Art History I: Ancient to Medieval	3	8
ART1602	Art History II: 15th Century to Contemporary	3	8
ART1650	Architectural History	2	8
ART1770	Quilt Arts	3	
ART1810	Studio Art Workshop	1	
ART1820	Studio Art Workshop	2	
ART2180	Art History: Pre-History to the Age of Cathedrals	3	8
ART2190	Art History: Renaissance to 21st Century Art	3	8

ART2611	Painting I	3	
ART2612	Painting II	3	
ART2640	Watercolor	3	
ART2740	Jewelry Workshop	1	
ART2750	Ceramics Workshop	1	
ART2781	Quiltmaking Workshop I	1	
ART2782	Quiltmaking Workshop II	1	
ART2800	Painting Workshop	1	
ART2820	Drawing Workshop	1	
ART2860	Photography Workshop	1	
ART2900	Studio Arts Capstone Practicum	1	
ART2970	Art Appreciation Field Trip	1	
COMM1550	Video Game Development	3	1
ENGL1250	Magazine Workshop	2	
ENGL1900	Introduction to Creative Writing	3	

ENGL1950	Graphic Novels ***or***	3	
ENGL2010	Writing Creative Non-Fiction and Memoir	3	
ENGL2020	Writing Stories	3	
ENGL2030	Writing Poetry	3	
ENGL2150	Introduction to Literary Studies	3	
ENGL2250	Japanese Literature	3	8
ENGL2270	Modern American Literature	3	
ENGL2300	Children's Literature	3	7
ENGL2310	American Short Story ***or***	3	
ENGL2320	Writing: From Structure to Style	3	7
ENGL2330	Hmong American Literature	3	7
ENGL2340	Nature in Literature	3	10
ENGL2350	Women and Literature	3	7
ENGL2360	Global Literary Perspectives	3	8
ENGL2370	African American Literature	3	7
ENGL2380	American Indian Literature	3	7
ENGL2390	Work in America Literature	3	9
ENGL2400	Utopian/Dystopian Literature	3	8
ENGL2410	US Latinx and Latin American Literature	3	7
ENGL2450	Survey of American Literature I	3	7
ENGL2460	Survey of American Literature II	3	7
ENGL2500	Playwriting	3	
ENGL2540	Introduction to Literary Studies: Reading Poetry	3	
ENGL2550	Survey of British Literature I	3	8
ENGL2560	Survey of British Literature II	3	8
ENGL2570	Introduction to Literary Studies: Reading Plays		7
ENGL2580	Shakespeare's Plays	3	8
ENGL2590	Introduction to Literary Studies: American Short Story	3	
ENGL2900	Fantasy Literature	3	7
ENGL2950	Mystery and Detective Fiction	3	9
GCST1030	Introduction to Japanese Culture	3	10
GCST1978	American Indian Cultural Expression	3	7
GCST2250	Japanese Literature	3	8

GCST2410	Latinx and Latin American Literature	3	7
MUSC1130	Concert Choir ***or***	1	
MUSC1160	Large Instrumental Ensemble	1	
MUSC1170	Instrumental Jazz Ensemble	1	
MUSC1180	Small Group Performance Ensemble	1	
MUSC1190	Garage Band	2	
MUSC1200	Fundamentals of Music	3	
MUSC1220	Music Appreciation	3	8
MUSC1241	Music Theory I	3	
MUSC1242	Music Theory II	3	
MUSC1300	Music in World Cultures	3	8
MUSC1350	History of Rock 'n Roll	3	
MUSC1370	Video Game Music	3	
MUSC1501	Class Guitar I	2	
MUSC1502	Class Guitar II	2	
MUSC1510	Applied Music: Guitar	1	

MUSC1600	Class Voice	2	
MUSC1610	Applied Music: Voice	1	
MUSC1801	Class Piano I	2	
MUSC1802	Class Piano II	2	
MUSC1810	Applied Music: Piano	1	
MUSC1830	Applied Music: Strings	1	
MUSC1850	Applied Music: Percussion	1	
MUSC1860	Applied Music: Brass	1	
MUSC1870	Applied Music: Woodwinds	1	
MUSC2010	Advanced Applied Music Lessons	2	
MUSC2170	History of Music I: Medieval Through Classical Eras	3	8
MUSC2180	History of Music II: Romantic Era to the 21st Century	3	8
MUSC2241	Music Theory III	3	
MUSC2242	Music Theory IV	3	
MUSC2970	Music Tour	1	
PHIL1010	Introduction to Philosophy	3	8
PHIL1020	Ethics	3	9
PHIL1030	Eastern Religions	3	8
PHIL1040	Western Religions	3	7
PHIL1060	Philosophy of Religion	3	8
PHIL1070	Political Philosophy	3	9
PHIL1080	Comparative World Religions	3	8
PHIL1120	Ethics in Organization	3	9
PHIL1200	Environmental Philosophy	3	10
PHIL1210	Global Justice, Peace, and Conflict	3	8
PHIL1220	Health Care Ethics	3	2, 9
PHIL1230	Food Ethics	3	10
SPAN1030	Spanish and Latin American Culture	3	8
SPAN2201	Intermediate Spanish I	5	8
SPAN2202	Intermediate Spanish II	5	8
TFT1200	Theatre in the Twin Cities	3	
TFT1210	Introduction to Theatre	3	7
TFT1250	Introduction to Film	3	

TFT1260	Introduction to Television	3	8
TFT1270	Digital Video Production	3	
TFT1280	Introduction to Screenwriting	3	
TFT1290	Design for Theatre	3	
TFT1310	American Cinema	3	7
TFT1320	World Cinema	3	8
TFT1350	The American Musical Theatre ***o***	3	7
TFT1450	Stagecraft		
TFT1500	Acting I	3	
TFT1510	Stage Movement and Voice	3	
TFT1531	Stage Combat I	3	
TFT1532	Stage Combat II	3	
TFT1540	Acting for the Camera	3	
TFT1600	Theatre Practicum: Performance	Variable	
TFT1610	Theatre Practicum: Technical	Variable	

TFT2010	Fundamentals of Directing	3	
TFT2150	Play Analysis	3	
TFT2500	Playwriting	3	
TFT2550	Acting II	3	
TFT2950	Theatre Appreciation Field Trip	1	

Goal Areas 7-10: One course required in each goal. *(courses here can "double dip and also count in goals 1-6. Credit amount only counts once.)*

Goal Area 7: Human Diversity

Course No.	Course Title	Credits	Other Goal Area
Human Diversity - 1 course:			
ANTH1140	Anthropology of Religion	3	
ASL1300	Deaf Culture	3	
ASL1320	Black Deaf Culture and History	3	
COMM1110	Principles of Interpersonal Communication	3	1
COMM1210	Small Group Communication	3	1
COMM1310	Intercultural Communication	3	8
ENGL2300	Children's Literature	3	6
ENGL2320	Writing: From Structure to Style	3	6
ENGL2330	Hmong American Literature	3	6
ENGL2350	Women and Literature	3	6
ENGL2360	Global Literary Perspectives	3	6
ENGL2370	African American Literature	3	6
ENGL2380	American Indian Literature	3	6
ENGL2410	U.S. Latinx and Latin American Literature	3	6
ENGL2450	Survey of American Literature I	3	6
ENGL2460	Survey of American Literature II	3	6
ENGL2570	Introduction to Literary Studies: Reading Plays	3	6
ENGL2900	Fantasy Literature	3	6
GCST1040	American Indian Culture - Indigenous Peoples of Minnesota	3	10
GCST1220	Practical Applications of Traditional Aikido	2	9
GCST1301	Introduction to Ethnic Studies	3	9
GCST1320	Community Organizing I	3	9
GCST1350	Immigration and Society	3	5
GCST1380	Personal Story Telling	2	

GCST1501	Introduction to Gender and Women's Studies	3	5
GCST1502	Human Trafficking	3	9
GCST1503	Masculinities	3	9
GCST1507	Mass Incarceration	3	9
GCST1700	Foundations of Racial Justice	3	
GCST1978	American Indian Cultural Expression	3	
GCST2000	Theories of Race and Ethnicity	3	9
GCST2410	U.S. Latinx and Latin American Literature	3	
GEOG1020	United States Geography	3	5
GWS1501	Introduction to Gender and Women's Studies	3	5
GWS1502	Human Trafficking	3	9
GWS1503	Masculinities	3	9
GWS1507	Mass Incarceration	3	9
HIST1200	History of United States Through 1877	3	5
HIST1210	History of the United States Since 1877	3	5
HIST1270	Race in America	3	5
PHIL1040	Western Religions	3	6
PSYC1165	Psychology of Adjustment	3	5
PSYC1170	Psychology of Gender	3	5
PSYC2110	Principles of Social Psychology	3	5
PSYC2340	Human Sexuality	3	5
SOC1110	Introduction to Sociology	3	5
SOC1130	Social Problems/Deviance	3	9

SOC2110	Principles of Social Psychology	3	5
SOC2210	Social Inequality	3	5
TFT1210	Introduction to Theatre	3	6
TFT1310	American Cinema	3	6
TFT1350	The American Musical Theatre	3	6

Goal Area 8: Global Perspective

Course No.	Course Title	Credits	Other Goal Area
Global Perspective - 1 course:			
ANTH1010	Introduction to Anthropology: Cultural Anthropology	3	5
ARBC1030	Arab Cultures	3	6
ARBC1101	Introduction to Arabic	4	
ARBC1102	Beginning Arabic II	4	
ARBC2201	Intermediate Arabic I	4	
ART1040	Introduction to Art	3	6
ART1650	Architectural History	2	3
ART2180	Art History: Pre-History to the Age of Cathedrals	3	6
ART2190	Art History: Renaissance to 21st Century Art	3	6
ASL1101	American Sign Language I	4	
ASL1102	American Sign Language II	4	
ASL2201	Intermediate American Sign Language I	4	
ASL2202	Intermediate American Sign Language II	4	
COMM1310	Intercultural Communication	3	7
COMM1510	Nonverbal Communication	3	1
COMM1710	Oral Interpretation and Traditions	3	1
ECON1060	Principles of Macroeconomics	3	5

ENGL2400	Utopian/Dystopian Literature	3	6
ENGL2550	Survey of British Literature I	3	6
ENGL2560	Survey of British Literature II	3	6
ENGL2580	Shakespeare's Plays	3	6
ENGL2590	Shakespeare Plays II	3	6
GCST1211	The History, Philosophy, and Practice of Traditional Aikido I	3	9
GCST1212	The History, Philosophy and Practice of Traditional Aikido II	3	9
GCST1213	The History, Philosophy, and Practice of Traditional Aikido III	3	9
GCST2250	Japanese Literature	3	6
GCST2320	Community Organizing II	3	10
GEOG1040	Human Geography	3	5
GEOG1100	World Geography	3	5
GEOG1190	Area Studies	3	10
HIST1010	World History: Origins to 1300	3	2, 5
HIST1020	World History: 1300 to Present	3	2, 5
HIST1110	History of Western Civilization Pre 1550	3	2, 5
HIST1120	History of Western Civilization 1550 to Present	3	2, 5
HIST2500	World Regional History	3	5
MUSC1220	Survey or Western Music	3	6
MUSC1300	Music in World Cultures	3	6
MUSC2170	History of Music I: Medieval Through Classical Eras	3	6
MUSC2180	History of Music II: Romantic Era to the 21st Century	3	6
PHIL1010	Introduction to Philosophy	3	6
PHIL1030	Eastern Religions	3	6
PHIL1060	Philosophy of Religion	3	6
PHIL1080	Comparative World Religions	3	6
PHIL1210	Global Justice, Peace and Conflict	3	6
POLS1600	Comparative Politics	3	5
POLS1700	World Politics	3	5
PSYC2350	Multicultural Psychology	3	5
SPAN1030	Spanish and Latin American Culture	3	6
SPAN1101	Beginning Spanish I	5	
SPAN1102	Beginning Spanish II	5	
SPAN2201	Intermediate Spanish I	5	6
SPAN2202	Intermediate Spanish II	5	6
TFT1260	Introduction to Television	3	6
TFT1320	World Cinema	3	6
TFT1710	Oral Interpretation and Traditions	3	6

Goal Area 9: Ethical and Civic Responsibility

Course No.	Course Title	Credits	Other Goal Area
Ethical and Civic Responsibility - 1 course:			
COMM1610	Introduction to Mass Communication	3	1
COMM1810	Introduction to Health Communication	3	1
ECON1050	Economics of Crime	3	5
ENGL1800	Introduction to Journalism	3	1
ENGL2390	Work in American Literature	3	6
ENGL2950	Mystery and Detective Fiction	3	6

GCST1211	The History, Philosophy, and Practice of Traditional Aikido I	3	8
GCST1212	The History, Philosophy and Practice of Traditional Aikido II	3	8
GCST1213	The History, Philosophy, and Practice of Traditional Aikido III	3	8
GCST1220	Practical Applications of Traditional Aikido	2	7
GCST1301	Introduction to Ethnic Studies	3	7
GCST1320	Community Organizing I	3	7
GCST1490	Dave Larson American Indian Immersion Experience	4	5
GCST1502	Human Trafficking	3	7
GCST1503	Masculinities	3	7
GCST1504	Feminism and Capitalism	3	5
GCST1507	Mass Incarceration	3	7
GWS1502	Human Trafficking	3	7
GWS1503	Masculinities	3	7
GWS1504	Feminism and Capitalism	3	5
GWS1507	Mass Incarceration	3	7
GCST1964	African American Civil Rights Immersion Experience ***or***	4	5
HIST1230	U.S. Labor History	3	5

HIST2700	History and Popular Culture	3	9
PHIL1020	Ethics	3	5
PHIL1070	Political Philosophy	3	6
PHIL1110	Informal Reasoning for Problem Solving	3	2, 5
PHIL1120	Ethics in Organization	3	6
PHIL1220	Health Care Ethics	3	6
POLS1100	American Government and Politics	3	5
POLS1140	State and Local Politics	3	5
SOC1130	Social Problems/Deviance	3	7

Goal Area 10: People and the Environment

Course No.	Course Title	Credits	Other Goal Area
People and the Environment - 1 course:			
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3	3
ANTH1130	The Archaeology of Ancient Europe	3	5
BIOL1030	Boundary Waters Canoe Area Field Biology	4	3
BIOL1160	Global Environment Field Biology	4	3
BIOL1200	Current Environmental Issues	4	3
BIOL1600	Biology of Nature Series	1	3
BIOL1610	Field Ecology	1	3
CHEM1000	Chemistry and Society	4	3
CHEM1010	Introduction to Chemistry	4	3
EEVS1140	Historical Geology	4	3
EEVS1150	Boundary Waters Field Geology	4	3
EEVS1160	Global Environmental Field Geology	4	3
EEVS1170	Minnesota Field Geology Series: Glacial Geology	2	3
EEVS1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2	3
EEVS1190	Minnesota Field Geology Series: Minnesota Rivers	2	3
EEVS1200	Oceanography	3	3
EEVS1201	Oceanography Lab	1	3

EEVS1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	3
EEVS2000	Introduction to Environmental Science	3	3
ENGL2340	Nature in Literature	3	3
GCST1030	Introduction to Japanese Culture	3	6
GCST1040	American Indian Culture - Indigenous Peoples of Minnesota	3	7
GCST2320	Community Organizing II	3	8
GEOG1010	Physical Geography	3	3
GEOG1190	Area Studies	3	8
NSCI1110	Minnesota's Natural History	4	3
NSCI1140	Historical Geology	4	3
NSCI1170	Minnesota Field Geology Series: Glacial Geology	2	3
NSCI1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2	3
NSCI1190	Minnesota Field Geology Series: Minnesota Rivers	2	3

NSCI1200	Oceanography ***or***	3	3
NSCI1201	Oceanography Lab ***or***	1	3
NSCI1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	3

MnTC Note

Course No.	Course Title	Credits

40 Credits from ALL MNTC Courses: Goal Areas 1-10

2.00 GPA required for MnTC courses

Health Requirement

Course No.	Course Title	Credits

Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course *(see courses below)*

Electives

Course No.	Course Title	Credits

Elective credits, excluding under 1000 level, to reach 60 credits:

NHCC Residency and GPA

Course No.	Course Title	Credits

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

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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 applied learning including: the ability to apply General Education to the issues of our times and be prepared to transfer to and succeed at an upper-level academicinstitution.

Career Opportunities: Information on careers, including salary and employment outlook data is available on the iseek and Bureau of Labor Statistics websites at 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: TransferInformation

Accreditation

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

AS: Biology Transfer Pathway

2021-2022

The Associate of Science Biology Transfer Pathway offers students an opportunity to earn course credits that directly transfer to a designated Biology bachelor's degree program at Minnesota State universities. The entire curriculum has been carefully designed to meet bachelor's degree program requirements for transfer students planning initial study at a Minnesota State college. Students planning to transfer to non-system universities are advised to consult with their intended transfer institution as early as possible to determine transferability of the courses in this curriculum.

The Biology Transfer Pathway AS will transfer to the following designated baccalaureate degree majors:

- Bemidji State University: Biology – General Biology, BS Biology – Ecology, Biodiversity, and EvolutionaryBiology, BS Biology – Environmental Science, BS
- Metropolitan State University: Biology, BA
- Minnesota State University, Mankato: Biology, BA Biology, BS
- Minnesota State University, Moorhead: Biology, BA Ecology, BA
- Southwest Minnesota State University: Biology Concentration, BA St. Cloud State University: Biology, BA
- Winona State University: Biology, BA

Program Courses

Course No.	Course Title	Credits
BIOL1101	Principles of Biology I (minimum grade 1.67)	4
BIOL1102	Principles of Biology II (minimum grade 1.67)	4
BIOL2360	Genetics	4

Program Course Electives

Chosen based on major track and transfer University

Course No.	Course Title	Credits
BIOL2610	General Ecology	4
CHEM2061	Organic Chemistry I	5
CHEM2062	Organic Chemistry II	5

Subtotal 14

General Education Courses

Course No	Course Title	Credits
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4
CHEM1062	Principles of Chemistry II (minimum grade 1.67)	4
COMM1010	Fundamentals of Public Speaking	3
MATH1150	College Algebra (or higher)	3
MATH1210	Applied Statistics	4
College Writing I: (minimum grade 1.67)		
ENGL1200	Gateway College Writing (minimum grade 1.67) ***or***	4
ENGL 1201	College Writing I (minimum grade 1.67)	4
ENGL1202	College Writing II	2

MnTC Electives

Course No.	Course Title	Credits
History and the Social/Behavioral Sciences (Goal Area 5) - 3 credits		
The Humanities and Fine Arts (Goal Area 6) - 3 credits		
13-15 Additional Elective Credits to equal 60 total credits (Chosen based on Major Track and Transfer University)		

NHCC Residency and GPA

Course No.	Course Title	Credits
15 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 60

Degree Requirements

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 take Math 1150 or HIGHER for 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.

It is recommended that MATH 1210 is taken. 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.

Biology Transfer Pathway's Competencies

Scientific Method

Science is a process of trial and error by which we hope to improve our understanding of the natural world incrementally, by making predictions, testing them, and improving their accuracy. The Scientific Method includes the ability to propose testable hypotheses and carry out experiments to test them, and relies on standardized international systems of measurement.

Data Interpretation and Statistical Analysis

Students should be able to analyze simple data sets using appropriate descriptive and inferential statistics.

Navigating and Reading the Scientific Literature

Students should be able to use public literature databases to find appropriate published material, and should be able to read, understand, and evaluate the validity and importance of the scientific literature and to integrate new concepts into their existing knowledge frameworks.

Scientific Communication

Students should be able to communicate their own and others data and analysis in oral and written format, using computers where necessary to visualize data or to create clear and compelling papers, posters, or presentations.

Science and Society/Civic Engagement

Students should be able to analyze scientific studies in light of their ecological, social, economic, ethical, and cultural implications.

Collaboration

Students should learn to communicate and work productively with others in designing, conducting, and evaluating projects, experiments, and other course related deliverables as an essential skill in science

Interdisciplinary Nature of Science

Science depends upon knowledge, skills, and tools from other scientific and nonscientific disciplines. Students should develop their ability to utilize other disciplines as sources of context and skills to inform the learning and work they are engaged in.

Microscopy

The microscope is a tool used extensively in biology for observation and investigation. Skill development in basic light microscopy and exposure to more advanced forms of microscopy and digital imaging is fundamental to further study in 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/technicalcredits.

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.

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Transfer Information

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.bls.gov.

Accreditation

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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/technicalcredits.
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.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.bls.gov.

Accreditation

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Cert: Building Inspection Technology

2021-2022

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
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
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 constructioncodes.

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

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: https://careerwise.minnstate.edu/careers/ 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

AS: Business Transfer Pathway

2021-2022

The Associate in Science degree in Business is designed for students who are interested in transferring after graduation to pursue a 4-year baccalaureate or aprofessional degree in Business Administration, Management, Marketing, Finance, International Business, Operations Management, Human Resources, Entrepreneurship, and others.

The Pathway to Baccalaureate degree was created to ensure minimum competency requirements are met at the associate degree level and that students areacademically prepared to transfer into the parallel bachelor degree program as juniors in Business at all of the Minnesota State Institutions:

- Metropolitan State University (Options to continue at NHCC)
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
ACCT2112	Managerial Accounting	4
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1300	Legal Environment of Business	3
BUS2100	Business Statistics	4
BUS2200	Principles of Management	3
BUS2600	Principles of Marketing	3
1 course from CIS1101, CIS1102:		
CIS1101	Business Computer Systems I ***or***	3
CIS1102	Business Computer Systems II	3

General Education Courses

Course No.	Course Title	Credits
College Writing I and II: (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
COMM1010	Fundamentals of Public Speaking	3
ECON1060	Macroeconomics	3
ECON1070	Microeconomics	3
SOC1110	Introduction to Sociology	3
PHIL1020	Ethics	3
MATH1150	College Algebra	3

MnTC Electives

Course No.	Course Title	Credits
Natural Sciences with a Lab (Goal Area 3) - 3 credits (Lab Recommended)		
The Humanities and Fine Arts (Goal Area 6) or People and the Environment (Goal 10) - 3		

NHCC Residency and GPA

Course No.	Course Title	Credits
15 Credits must be earned at NHCC:		

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

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
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Transfer Information
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Career Opportunities
Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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

Cert: Business Communications and Technology Essentials

2021-2022

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
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
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.

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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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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AAS: Business Computer Systems and Management

2021-2022

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

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS2200	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

Program Electives

Course No.	Course Title	Credits
Program Electives - 18 credits:		
ACCT2112	Managerial Accounting ***or***	4
BUS1100	Introduction to Business ***or***	3
BUS2600	Principles of Marketing ***or***	3
CIS1000	Computer and Keyboarding Essentials ***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***	Variable
CIS2010	CIS Internship ***or***	3
CIS2310	Introduction to E-Commerce	3

Subtotal

General Education Courses

Course No.	Course Title	Credits
COMM1110	Principles of Interpersonal Communication	3
ECON1070	Microeconomics	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

MnTC Electives

Subtotal

Course No.	Course Title	Credits
MnTC Electives - 7 credits		

15 Credits must be earned at NHCC:
2.00 overall GPA for NHCC courses

Total Credit Required 60

Degree Requirements

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 businesstasks.
- 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 businesstoday.
- 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: https://careerwise.minnstate.edu/careers/ 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

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Accreditation

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Chicago, IL 60602-2504
1-800-621-7440
overall GPA for NHCC courses

AS: Business Computer Systems and Management

2021-2022

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 degreeprogram 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

Program Courses: Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS2200	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
Program Electives - 8 credits:		
BUS2600	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
COMM1010	Fundamentals of Public Speaking	3
ECON1060	Principles of Economics Macro	3
ECON1070	Principles of Economics Micro	3
MATH1150	College Algebra	3
PSYC1150 or SOC1110 - 1 course:		
PSYC1150	General Psychology ***or***	3
SOC1110	Introduction to Sociology	3
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4

MnTC Electives

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

NHCC Residency and GPA

Course No.	Course Title	Credits

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 alongwith critical, independent and creative problem solving skills.

Intellectual and Practical Skills, focused by:

- Competent use of digital resources to access and evaluate information usingcurrenttechnology to perform basic business tasks.
- Demonstrate global thinking, working in teams, applying knowledge and focusing onhands-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 businesstoday.
- Develop ethical practices in using technology.Integrative

and Applied Learning, including:

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

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 withan advisor for further information.

Program Accreditation

Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, KS66123

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 oruniversity with whom North Hennepin Community College has an articulation agreement. The A.S. degreeprovides 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 additionalrequirements or a higher minimum grade point average.

Earn a minimum of 15 semester credits at North Hennepin Community College. A student mustcomplete 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/technicalcredits.

Have four years to complete the graduation requirements as published in the catalog in effect at the timeof 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 willnot apply toward a degree.

Equal Opportunity Employer and Disability Access Information

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Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transferresources 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 andBureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Cert: Business Principles

2021-2022

This certificate is for students who want an overview of the broad areas of business: finance, management and marketing. All coursescan 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
BUS1100	Introduction to Business	3
BUS2200	Principles of Management	3
BUS2600	Principles of Marketing	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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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

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.

AS: Chemistry TransferPathway
2021-2022

The Associate in Science degree in Chemistry Transfer Pathway is designed for students to work as a chemical lab assistant orwho are interested in transferring after graduation to pursue a ***4-year baccalaureate*** in chemistry. The pathway to a baccalaureate degree was created to ensure minimum competency requirements are met at the associate degree level and that students are academically prepared to transfer into the parallel bachelor degree program as juniors in chemistry at all of the following Minnesota State Institutions:

- Metropolitan State University (Options to continue at NHCC)
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Chemistry Specific Content Area

Course No.	Course Title	Credits
CHEM1061	Principles of Chemistry I	4
CHEM1062	Principles of Chemistry II	4
CHEM2061	Organic Chemistry I	5
CHEM2062	Organic Chemistry II	5

Science and Math Specific Content Area

Course No.	Course Title	Credits
MATH1221	Calculus I	5
MATH1222	Calculus II	5
PHYS1601	General Physics I	5
PHYS1602	General Physics II	5

General Education Courses

Course No.	Course Title	Credits
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
COMM1010	Fundamentals of Public Speaking	3
ENGL1202	College Writing II	2
PSYC1150	General Psychology	3
SOC1110	Introduction to Sociology	3

Humanities and Fine Arts Requirement

Course No.	Course Title	Credits
Goal Area 6 - Must complete 3 credits:		

MnTC Electives

Course No.	Course Title	Credits
Must Complete 3 credits from Goals 7, 8, 9, or 10		

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- Demonstrate basic knowledge and understanding of the fundamentals of experimental and theoretical chemistry.
- Explain and apply skills in analytical thinking and problem solving, and apply scientific methods to experimental data.

Intellectual and practical skills including:

- Demonstrate skills in laboratory operations including making accurate and precise measurements, preparing solutions, operating instrumentation, experimental design, and the interpretation and reporting of quantitative and qualitative data and results.

Personal and social responsibility and engagement, including:

- Work both independently and collaboratively in the classroom and in the laboratory.
- Apply learned concepts to everyday situations and experiences and critically evaluate contributions to science reported in the media; identify valid approaches to scientific problem solving and reporting.

Integrative and applied learning, including:

- Communicate their own data and analysis in oral and written communications that uses tables and graphs, describes detailed experimental procedures, and clearly explains conclusions, in order to create clear and compelling papers, posters, or presentations.

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.
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Transfer Information
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Career Opportunities
Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation
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AS: Computer Science Transfer Pathway
2021-2022

The Computer Science Transfer Pathway (AS) is designed for students who are interested in transferring after graduation topursue a four-year baccalaureate degree in Computer Science or related disciplines.

This transfer pathway specifically ensures that a student who successfully completes a Computer Science Transfer Pathway (AS) can transfer the entire completed degree into a designated parallel baccalaureate degree program in Computer Science at any of the following universities:

- Metropolitan State University (Options to continue at NHCC)
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

A balanced set of required and elective courses makes this degree suitable for succeeding in the software development job market. Besides providing the students with necessary knowledge and skills, it equips them with tools and routines to keepingthem current with the industry progress.

Program Courses

Course No.	Course Title	Credits
CSCI1040	Fundamentals of Structured Query Language (SQL)	3
CSCI1130	Introduction to Programming in Java (CS0)	4
CSCI2001	Object Oriented Programming (CS1)	4
CSCI2002	Data Structures and Algorithms (CS2)	4
CSCI2020	Computer Architecture	4
CSCI2030	Database Modeling and Design	4

Program Electives

Course No.	Course Title	Credits
Choose 7 credits from the following courses::		
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
CSCI2011	Programming in Python ***or***	1
CSCI2050	Internship Computer Science ***or***	3
CSCI2060	Web Programming in ASP.NET ***or***	4
CSCI2100	Introduction to Android Application Development ***or***	4
CSCI2400	Objective-C for Mobile Programming ***or***	4
CSCI2500	Introduction to Mobile Programming in iOS	4

General Education Courses

Course No.	Course Title	Credits

College Writing I - 1 course:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
College Writing II:		
ENGL1202	College Writing II	2
COMM1010 or COMM1210 - 1 Course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
COMM1210	Small Group Communication	3

BIOL1120 or GEOG1010 - 1 course:		
BIOL1120	Human Biology ***or***	3
GEOG1010	Physical Geography	3
ECON 1060, ECON 1070, PSYC 1150 - 1 course:		
ECON1060	Principles of Macroeconomics ***or***	3
ECON1070	Principles of Microeconomics ***or***	3
PSYC1150	General Psychology	3
Goal Area 6 Humanities and Fine Arts		3
MATH1221	Calculus I	5
CSCI 2010 or MATH2000 - 1 course:		
CSCI2010	Discrete Mathematical Structures ***or***	4
MATH2000	Discrete Mathematical Structures	4
3 credits from Goal Areas 1-6		

Total Credit Required 60

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

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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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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AA: Communication Studies TransferPathway
2021-2022

The Communication Studies Transfer Pathway Degree is designed to provide students a broad background in theory and skills development in the study of communication. This program will 1) prepare students to transfer to a baccalaureate program in Communication Studies and 2) prepares students for entry level positions in a variety of careers. The program emphasizes the development of communication skills in presentation, promotion, conflict management, persuasion, debate, and campaign communication.

This transfer pathway specifically ensures that a student who successfully completes a Communication Studies AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in Communications at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
COMM1010	Fundamentals of Public Speaking	3
COMM1110	Principles of Interpersonal Communication	3
COMM1210	Small Group Communication	3
COMM1310	Intercultural Communication	3
COMM1910	Argumentation and Public Advocacy	3

Program Electives

Course No.	Course Title	Credits
Not required, but recommended to choose one		
COMM1410	Human Communication Theory	3
COMM1510	Nonverbal Communication	3
COMM1610	Introduction to Mass Communication	3
COMM1710	Oral Interpretation and Traditions	3
COMM1810	Introduction to Health Communication	3

General Education Courses

Course No.	Course Title	Credits
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
1 course from PSYC1150, PSYC1160:		
PSYC1150	General Psychology ***or***	3
PSYC1160	Introduction to Psychology	4
SOC1110	Introduction to Sociology	3

MnTC Electives

Course No.	Course Title	Credits
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab		
Mathematical/Logical Reasoning - 1 course, at least 3 credits:		
Highly Recommended: MATH 1010, 1130, or 1140		
History and the Social and Behavioral Sciences - 1 course, 3 credits		
Humanities and Fine Arts - 3 courses from 2 different disciplines, 9 credits		
Ethical and Civic Responsibility - 1 course, 3 credits		
Highly recommended courses: COMM 1610, COMM1810		
People and the Environment - 1 course		
Highly recommended - ANTH 1020, GCST 1040		

Additional Electives, if needed, to reach 40 total MnTC credits:		

Health Requirement

Course No.	Course Title	Credits
Health or Exercise Science - 2 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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Career Opportunities

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Transfer Information

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Accreditation

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Cert: Communication and Computers
2021-2022

The Certificate in Communication & Computer Skills is designed to provide a foundation in the study of various communication skills, including written, interpersonal, and digital. The program is designed for students who plan to complete the certificate as well as students whowant to pursue an associate's degree with or without intending to transfer.
This certificate supports the 2015 Minnesota legislation Educational Attainment Goal 2025:Working to increase the percent of Minnesotans age 25 to 44 who have attained a postsecondary certificate or degree to 70 percent by 2025 (https://www.ohe.state.mn.us/mPg.cfm?pageID=2187)

Program Courses

Course No.	Course Title	Credit s
Program Courses - 10 credits:		
ENGL 1200 OR ENGL 1201	Gateway to College Writing College Writing I	4
COMM 1110	Principles of Interpersonal Communication	3
CIS 1101	Business Computer Systems I	3

NHCC Residency and GPA

Course No.	Course Title	Credits
3 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 10

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.
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Program Outcomes

- Understand/demonstrate the writing and speaking processes through invention, organization, drafting, revision,editing and presentation.
- Participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding. Select appropriate communication choices for specific audiences.
- Analyze the role of verbal and nonverbal communication in various interpersonal interactions and diverse contexts.
- Demonstrate effective written, verbal and nonverbal communication skills in business situations
- Develop management and business principles, advanced technical and communication skills along with critical,independent and creative problem solving skills.
- Demonstrate the process of planning and creating business presentations.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.bls.gov.

Accreditation

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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

AS: Construction Management
2021-2022

This program will prepare students for supervisory and management positions in the constructionindustry. 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:
Minnesota State University at Moorhead B.S. in Construction Management degree Minnesota State University atMoorhead B.S. in Operations Management degree

Program Courses

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS2200	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
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
ART2300	Architectural History	2
COMM1110	Principles of Interpersonal Communication	3
ECON1070	Microeconomics	3
PHYS1231	Principles of Physics I	4
PSYC1150	General Psychology	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 Philosophy	3

MnTC Electives

Course No.	Course Title	Credits
Electives to reach 30 MnTC credits and 60 total credits:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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. orMinnesota State University Moorhead
B.S. program consult with a counselor about the best course selection options. Students may bestbeserved 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. Itis 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 processandthe 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 ofconstruction 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 PathMethod 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 developmentin: 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 uponan individual and team bases
- Gain first-hand experiences associated with supervisory and/or management roles in anindustrial setting
- Refine communications skills with subordinates, peers and superiors
- Implement, develop and/or refine skills in production, management, and personnel mattersIntegrative 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-jobpractices 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 assurethat 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 acollege 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 mayhave additional requirements or a higher minimum grade point average.

Earn a minimum of 15 semester credits at North Hennepin Community College. A student mustcomplete 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 30professional/technical credits.

Have four years to complete the graduation requirements as published in the catalog in effect at thetime 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 TransferCurriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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Transfer Information

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Career Opportunities

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Accreditation

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Cert: Construction Management

2021-2022

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 Minnesota State at Moorhead's B.S. in Construction Management Degree.

Program Courses

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1810	Entrepreneurship	4
BUS2200	Principles of Management	3
BUS2600	Principles of Marketing	3
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
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, andindividual well-being.
- Understand and utilize information that describes and prescribes the physical basis, technicalspecifics and sequential process of building construction
- Formulate a consistent system of actions involving the study of the construction processandthe 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 ofconstruction 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 PathMethod 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-confidenceResponsibility
- Better understanding of career options

- Realistic appraisal of strengths
- Prepare, develop, and refine individual CPM and PDM networks in classroom exercises uponan individual and team bases
- Gain first-hand experiences associated with supervisory and/or management roles in anindustrial setting
- Refine communications skills with subordinates, peers and superiors
- Implement, develop and/or refine skills in production, management, and personnelmattersIntegrative Learning,

including:

- Apply construction management techniques to an actual construction managementproject
- Apply the principles, knowledge and skills learned in the classroom to on-the-jobpractices 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 assurethat 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 below1000 will not apply toward a degree.

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Accreditation

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Transfer Information

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Degree Information

Certificates may be earned for successful completion of courses in a specialized program of studywith 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 below1000 will not apply toward a degree.

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Cert: Construction Quality Assurance and Quality Control
2021-2022

Construction Quality Assurance and Quality Control is the student of the principles of the construction quality management. It begins with carefully developed project requirements adhere to by the contractor, the owner and regulating agencies. It assures that the quality standards established by the designer in the projects plan and specification are achieved during the construction of a project. Students are prepared for management roles in both public and private organizations ensuring the projects in the build environment meet all applicable contract standardsand requirements.

Program Courses

Course No.	Course Title	Credits
BIT 1050	Foundation of Construction Codes and Inspection	3
BIT 1150	Residential Plan Review and Field Inspection	4
BIT 1250	Commercial Plan Review and Field Inspection	4
CMSV 2100	Soils and Concrete Technology	3
CMSV 2200	Construction Quality Assurance and Quality Control	4

NHCC Residency and GPA

Course No.	Course Title	Credits
6 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 18

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes:

Knowledge of Human Cultures and the Physical and Natural World: Conduct civil material tests in compliance with MnDOT standards Understand the purpose and intent of construction codes

Integrative and Applied Learning:

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

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of studywith 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 below1000 will not apply toward a degree.

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Transfer Information

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AAS: Construction Technology
2021-2022

This program will prepare students for technical and supervisory positions in the construction of commercial, industrial and civil buildings and structures. The curriculum combines the technical knowledge and skills of building construction with key courses in applied management necessary tomanage complex construction projects.

Program Courses 14-27 Credits

Course No.	Course Title	Credits
CMSV1500	Construction Technology I	5
CMSV1550	Construction Technology Field Experience	4
CMSV1600	Construction Technology II	5
CMSV1650	Construction Technology Field Experience II	4
CMSV1700	Construction Technology III	5
CMSV1750	Construction Technology Field Experience III	4

General Education Courses

Course No.	Course Title	Credits
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
ENGL1940	Technical Writing	3
HIST1230	U.S. Labor History	

Program Technical Electives 18-31 Credits

Student will select from the following elective course offerings to complete the required 45 technical credits of the Construction Technology degree.

Course No.	Course Title	Credits
CMSV1000	Construction Professionalism Seminar	4
CMSV1200	Construction Graphics	3
CMSV1300	Legal Aspects of Construction	3
CMSV2100	Soils and Concrete Technology	3
CMSV2200	Construction Quality Assurance and Quality Control	4
CMSV2870	Construction Management	3
CMSV2875	Mechanical and Electrical Systems	4
CMSV2885	Construction Estimating	4
CMSV2890	Building Organization and Technology	3
CMSV2900	Construction Scheduling	3

Subtotal 34

Total Credit Required 60

* In order to be eligible for the Construction Technology AAS Program, you must be a part of one of the following Joint Apprenticeship and Training Committees:

Boilmakers Local #647 Bricklayers BAC Local #1
Carpenters Local #68, #322, #361, #464, #606, #930, #1091, #1176, #1382, #1934
Cement Masons Local #633 Crane Operators Local #49
Electricians (Limited Energy) Local #110, #242, #292, #294, #343
Electricians (Minneapolis) Local #292

Floor Coverers Local #68, #361, #1382
Heavy Equipment Operators Local #49
Ironworkers Local #512
Laborers Local #405, #563, #1091, #1097
Millwrights Local #548
Operative Plasterers Local #265
Pile Drivers Local #1847
Pipefitters (Constructive) Local #539
Pipefitters (Service) Local #539
Plumbers (Minneapolis) Local #15
Pointer Caulker Cleaners BAC Local #1
Roofers and Waterproofers Local #96
Sprinkler Fitters Local #417
Terrazo Finishers BAC Local #1
Tile Finishers BAC Local #1
Tile Layers BAC Local#1

Career Opportunities
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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: TransferInformation

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.

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1-800-621-7440

AS: Construction Technology
2021-2022

This program will prepare students for technical and supervisory positions in the construction of commercial, industrial and civil buildings and structures. The curriculum combines the technical knowledge and skills of building construction with key courses in applied management necessary tomanage complex construction projects.

Program Courses 14-27 Credits

Course No	Course Title	Credits
CMSV1500	Construction Technology I	5
CMSV1550	Construction Technology Field Experience	4
CMSV1600	Construction Technology II	5
CMSV1650	Construction Technology Field Experience II	4
CMSV1700	Construction Technology III	5
CMSV1750	Construction Technology Field Experience III	4

General Education Courses – 30 credits

Course No.	Course Title	Credits
COMM1110	Principles of Interpersonal Communication	3
ECON 1070	Macro Economics	
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
ENGL1940	Technical Writing	3
HIST1230	U.S. Labor History	3
MATH1150	College Algebra	3
PSYC1150	General Psychology	3
Philosophy (Choose 1 course)		
PHIL1020	Ethics ***or***	3
PHIL1200	Environmental Ethics	3
Natural Science (Choose 1 course)		
PHYS1000	Conceptual Physics ***or***	4
PHYS1030	Introduction to Physical Sciences ***or***	4
CHEM1010	Introduction to Chemistry ***or***	4
EEVS1000	Physical Geology	4
MnTC Credit	Choose one additional MnTC credit to equal 30	1

Program Technical Electives 3-16 credits

Student will select from the following elective course offerings to complete the required 30 program credits of the Construction Technology degree.

Course No.	Course Title	Credits
CMSV1000	Construction Professionalism Seminar	4
CMSV1200	Construction Graphics	3
CMSV1300	Legal Aspects of Construction	3
CMSV2100	Soils and Concrete Technology	3
CMSV2200	Construction Quality Assurance and Quality Control	4
CMSV2870	Construction Management	3
CMSV2875	Mechanical and Electrical Systems	4
CMSV2885	Construction Estimating	4
CMSV2890	Building Organization and Technology	3
CMSV2900	Construction Scheduling	3

Total Credit Required: 60

* In order to be eligible for the Construction Technology AAS Program, you must be a part of one of the following Joint Apprenticeship and Training Committee:
Boilmakers Local #647
Bricklayers BAC Local #1
Carpenters Local #68, #322, #361, #464, #606, #930, #1091, #1176, #1382, #1934
Cement Masons Local #633
Crane Operators Local #49
Electricians (Limited Energy) Local #110, #242, #292, #294, #343
Electricians (Minneapolis) Local #292
Electricians (St Paul) Local #110
Floor Coverers Local #68, #361, #1382
Heavy Equipment Operators Local #49
Ironworkers Local #512
Laborers Local #405, #563, #1091, #1097
Millwrights Local #548
Operative Plasterers Local #265
Pile Drivers Local #1847
Pipefitters (Constructive) Local #539
Pipefitters (Service) Local #539
Plumbers (Minneapolis) Local #15
Pointer Caulker Cleaners BAC Local #1
Roofers and Waterproofers Local #96
Sprinkler Fitters Local #417
Terrazo Finishers BAC Local #1 Tile Finishers BAC Local #1 Tile Layers BAC Local#1

Career Opportunities
Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.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: TransferInformation

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

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Accreditation

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Chicago, IL 60602-2504

1-800-621-7440

Cert: Corrections

2021-2022

The Corrections Certificate is designed for Criminal Justice and Law Enforcement students and workingprofessionals who have an interest in the field of corrections. This certificate program provides students with a comprehensive overview of the various federal, state, county and tribal level correctional systems. After completing the program students will have an in-depth understanding of the role of corrections as it relates to the overall criminal justice system.

Program Courses

Course No.	Course Title	Credits
PSYC1150	General Psychology	3
PSYC2320	Psychological Disorders	3
POLS2130	Constitutional Law	3
SOC1710	Introduction to Criminal Justice	3
SOC1730	Juvenile Justice	3
SOC2730	Introduction to Corrections	3
SOC2750	Community Corrections	3

NHCC Residency and GPA

Course No.	Course Title	Credits
7 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 21

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study witha 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 1000will not apply toward a degree.

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Program Outcomes

1. Use sources of data that social scientists use to describe, compare, and explain citizen attitudestoward community correctional practices and programs. (MnTC Goal 5, comp c.)(NHCC Core AbilityHuman Diversity comp c.) ELO 2
2. Examine opposing explanations and solutions regarding critical issues including civil liability, andConstitutional guarantees and court decisions facing community corrections. (MnTC Goal 5, comps c,d)(NHCC Core Ability Critical Thinking comps b,c.) ELO 2
3. Examine data and current issues regarding persons under correctional supervision with regard tospecific variables such as race, ethnicity, age, disability, sexual orientation, and gender, while proposing possible explanations for these patterns.(MnTC Goal 5, comps a, c, d.)(NHCC Core AbilityHuman Diversity, comps d,e.) ELO 3
4. Identify career opportunities in community corrections (Program Goal 5) ELO 3
5. Know and explain how theory aids in meeting public safety objectives. Understand offendertreatment planning and special needs populations. (MNTC Goal 5 , comp C) ELO 1. 3

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek andBureau 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. LaSalleStreet, 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 transferresources web page to help you plan the process: Transfer Information

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study witha 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 1000will not apply toward a degree.

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AS: Corrections

2021-2022

North Hennepin Community College Associate of Science in Corrections provides students with a broad overview of corrections in the United States. Principles of Evidence-Based practices are used to prepare students to work in the field of corrections. The program is designed for entry-level positions in correctional facilities including, correctional facilities, jails, and management of offenders in community settings.

Program Courses

Course No.	Course Title	Credits
HLTH2060	Concepts of Addiction	3
PHIL1020	Ethics	3
POLS2130	Constitutional Law	3
PSYC2320	Psychological Disorders	3
SOC1710	Introduction to Criminal Justice	3
SOC1730	Juvenile Justice	3
SOC2730	Introduction to Corrections	3
SOC2750	Community Corrections	3

Program Electives

Course No.	Course Title	Credits
Program Electives – 6 credits total		
ECON1050	Economics of Crime ***or***	3
GCST1501	Introduction to Gender and Women's Studies ***or***	3
GCST1211	The History, Philosophy, and Practice of Traditional Aikido I ***or***	3
POLS11100	American Government and Politics	3

General Education Courses

Course No.	Course Title	Credits
COMM1110	Principles of Interpersonal Communication	3
COMM1310	Intercultural Communication	3
ENGL1202	College Writing II	2
PSYC1150	General Psychology	3
SOC1110	Introduction to Sociology	3
SOC1130	Social Problems/Deviance	3
SOC2210	Social Inequality	3
SOC2210	Social Inequality	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
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]		

NHCC Residency and GPA

Course No.	Course Title	Credits

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

The coursework in Corrections is designed to foster an understanding of our Correctional system including the following goals.

- Evidence-based corrections practices
- Risk assessment in institutional facilities and community based programs
- Cognitive-behavioral interventions and practices
- Case management planning
- A commitment to the principles of social justice, respect, acceptance, dignity and worth of all persons.

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.

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Transfer Information

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Career Opportunities

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

Accreditation

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AFA: Creative Writing
2021-2022

The Associate of 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 variousgenres of writing and literary studies. Graduates will be able to write effectively in multiple genres ofcreative writing with the intent of beginning a career in a related field or transferring into a baccalaureate program at a 4-year institution.

Program Courses

Course No.	Course Title	Credits
ENGL1250	Magazine Workshop	2
ENGL1900	Introduction to Creative Writing	3

Capstone Course

Course No.	Course Title	Credits
ENGL2960	Creative Writing Capstone Project	1

Program Electives: Creative Writing

Course No.	Course Title	Credits
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
ENGL2400	Utopian/Dystopian Literature ***or***	3
ENGL2500	Playwriting ***or***	3
TFT1280	Introduction to Screenwriting ***or***	3
TFT2500	Playwriting	3

Program Electives: Literature

Course No.	Course Title	Credits
Literature Program Electives - 12 credits:		
ENGL1140	Professional Writing ***or***	3
ENGL1260	Newspaper Writing ***or***	3
ENGL1940	Technical Writing ***or***	3
ENGL1950	Graphic Novels ***or***	3
ENGL2150	Introduction to Literary Studies ***or***	3
ENGL2270	Modern American Literature ***or***	3
ENGL2300	Children's Literature ***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
ENGL2400	Utopian/Dystopian Literature ***or***	3
ENGL2450	Survey of American Literature I ***or***	3
ENGL2460	Survey of American Literature II ***or***	3
ENGL2540	Introduction to Reading Poetry ***or***	3
ENGL2550	Survey of British Literature I ***or***	3
ENGL2560	Survey of British Literature II ***or***	3
ENGL2570	Introduction to Literature: Reading Plays ***or***	3
ENGL2580	Shakespeare's Plays ***or***	3
ENGL2590	Introduction to Literature: American Short Story ***or***	3
ENGL2900	Fantasy Literature ***or***	3

ENGL2950	Mystery and Detective Fiction	3

General Education Courses

Course No.	Course Title	Credits
ENGL1202	College Writing II	2
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
COMM1010, COMM1110, COMM1210 - 1 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
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits		
History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits		
Human Diversity or Global Perspective (Goal Areas 7 or 8) - 3 credits		
Ethical and Civic Responsibility or People and the Environment - 3 credits		
MnTC Electives - 9 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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 andsocietalperspectives, 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 enduringIntellectual and

Practical Skills:

- Analysis and examination of stylistic and literary elements of critically successfulauthorsand 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 whohave used them
- Practiced extensively, across the curriculum, in the context of progressively morechallenging problems, projects, and standards for performance

Personal and Social Responsibility and Engagement:

- Understanding of cultural variation in forms of contemporary and historical literature, aswell as the contextual framework of the literature reflects culture
- Interacting with college, local, national, and/or global publications with an awareness ofaudience and social ramifications developed skills in time management, deadlines, and collaborative experiences
- Anchored through active involvement with diverse communities and real-world challengesIntegrative and

Applied Learning:

- Participation in literary arts publication and public performance
- investigation of careers related to critical and creative writing and the literary arts demonstrationof proficiency in at least one genre of creative writing
- Demonstrated through the application of knowledge, skills, and responsibilities to newsettings 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. LaSalleStreet, 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 aprogram 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 TransferCurriculum (MnTC).

Developmental Coursework

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and

Transfer Information

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

AS: Criminal Justice
2021-2022

North Hennepin's Associate of Science degree program in Criminal Justice provides students with a broad analysis ofthe 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 degreeConcordia University St. Paul B.A. in Criminal Justice degree

Program Courses

Course No.	Course Title	Credits
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
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
COMM1110	Principles of Interpersonal Communication	3
COMM1310	Intercultural Communication	3
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	Social Inequality	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
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 4 credits		
The Humanities and Fine Arts (Goal Area 6) - 3 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits

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 forstudents 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 inthe field of criminal justice.
- Demonstrating an understanding of local ordinances, State Statutes and Federal Law, the purpose andfunction of police, courts, and corrections.
- Demonstrating an understanding of the judicial review process, political, cultural and social forces whichimpact the police, courts, corrections, suspects, victims, and other parties involved in the criminal justicesystem.

Develop intellectual and practical skills, including:

- Communicating appropriately and effectively in work situations.
- Obtaining and refining the necessary skills in interpersonal communication, mathematics, basic crimestatistics, 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 smalland 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 seekingand 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 tocriminal 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 theability 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 credentialsfor 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 abovein 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 least50% 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/technicalcredits.
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 anycatalog 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 notapply toward a degree.

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Transfer Information

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau ofLabor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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AS: Data Science
2021-2022

Data scientists require knowledge in a variety of information technology sub-fields, including algorithms, data structures, programming languages and statistical methods. While the field of Data Science is computer science centric, statistical and domain expertise is required. Accordingly, the data scientist may specialize in various fields, including business, physics, biology, finance and economics.

The Data Science AS gives students the skills to analyze, procure, store and process large amounts of data. The study of Data Science will have students dealing with data that comes from disparate sources in the modern context of the Internet, in various unstructured forms and across academic disciplines.

Program Courses

Course No.	Course Title	Credits
CSCI1040	Fundamentals of Structured Query Language (SQL)	3
CSCI1130	Introduction to Programming in Java (CS0)	4
CSCI2001	Object Oriented Programming (CS1)	4
CSCI2011	Programming in Python	1
CSCI2030	Database Modeling and Design	4
DSCI2001	Data Science I	4
DSCI2002	Data Science II	4
DSCI 2009	Interdisciplinary Applications in Data Science	2

Program Electives

Course No.	Course Title	Credits
Choose 1 course from the following:		
CSCI1150	Programming in C# for .NET ***or***	4
CSCI1180	Introduction to Linux Operating System ***or***	4
CSCI2002	Data Structures and Algorithms ***or***	4
CSCI2010	Descrete Mathematical Structures	4
MATH2000	Descrete Mathematical Structures	4

General Education Courses

Course No.	Course Title	Credits
College Writing I - 1 course:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
College Writing II:		
ENGL1202	College Writing II	2
COMM1010 or COMM1210 - 1 Course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
Natural Science: 1 course with a lab - 4 credits		
Physics, Chemistry, or Biology Recommended		4
ECON 1060, ECON 1070, PSYC 1150 - 1 course:		
ECON1060	Principles of Macroeconomics ***or***	3
ECON1070	Principles of Microeconomics ***or***	3
Mathematics - 7 credits		
MATH1150	College Algebra	3
MATH1210	Applied Statistics	4
Goal Areas 6-10		
Any classes meeting MnTC Goals 6, 7, 8, 9, 10		7

Total Credit Required 60

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

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Transfer Information

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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.

Digital Knowledge Analysis
2021-2022

The Digital Knowledge Analysis Certificate is designed to provide a foundation in the study of digital knowledge analysis incorporating computer information systems and computer science to meet the growing need for business analysis using available digitalsoftware. The program is designed for students who plan to complete the certificate, complete an associate's degree, complete a four year degree, or returning students whoare seeking additional skills.

This certificate supports the 2015 Minnesota Legislation Educational Attainment Goal2025: Working to increase the percent of Minnesotans age 25-44 who have attained a postsecondary certificate or degree to 70% by 2025. (http://www.ohe.state.mn.us/mPg.cfm?pageID2187)

Program Courses

Course No.	Course Title	Credits
Program Courses - 12 credits:		
CIS 1101 OR CSCI 1000	Business Computer Systems I OR Computer Basics	3
CIS 1240	Information Management: Access	3
CSCI 1040	Fundamentals of Structured Query Language (SQL)	3
CIS 1220	Decision Making Excel	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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Program Outcomes

- Create, format, analyze, and present documents such as Word documents, Excel documents, Accessdocuments, and PowerPoint presentations to effectively communicate in business in accordance with professional standards.
- Analyze data presented in business cases requiring information management effectively usingAccess to create databases to show information in a variety of formats.
- Use SQL Server integrated information for query building by analyzing the results.
- Develop, analyze, and evaluate spreadsheets using advanced technical skills.
- Students will think critically, independently, creatively and resourcefully to apply knowledge to solve new problems and provide information to guide business decision making, complete real-world business tasks, use ethicalpractices and communicate results.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ andwww.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

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Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of
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AA: Economics Transfer Pathway
2021-2022

The Economics Transfer Pathway AA offers students a powerful option: the opportunity to complete an AA degree with course credits that directly transfer to designated Economics bachelor's degree programs at Minnesota State universities. The curriculumhas been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter the university with junior-year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree programs in a related field.

This transfer pathway specifically ensures that a student who successfully completes a Economics Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in Economics at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
ECON1060	Macroeconomics	3
ECON1070	Microeconomics	3
MATH1130	Elementary Statistics	3
MATH1150	College Algebra (or)	
MATH	a 3+ credit higher level MATH course that has MATH 1150 as a prereusite	3

Program Electives

Course No.	Course Title	Credits
Program Electives - 6 credits:		
ACCT2111	Financial Accounting	4
ACCT2112	Managerial Accounting	4
MATH1170	Pre-Calculus	4
MATH1221	Calculus I	5
MATH1222	Calculus II	5
MATH2220	Calculus III	5
MATH2010	Probability and Statistics	3
MATH2300	Linear Algebra	3

General Education Courses

Course No.	Course Title	Credits
College Writing I: (minimum grade 1.67)		
ENGL1200	Gateway College Writing (minimum grade 1.67) ***or***	4
ENGL 1201	College Writing I (minimum grade 1.67)	4
ENGL1202	College Writing II	2

MnTC Electives

Course No.	Course Title	Credits
Communications - 1 course 3 credits - COMM 1010, COMM1110, COMM1210, COMM1510, COMM1550, COMM1610, COMM 1710, COMM1810, COMM1910, TFT1710, ART1550		
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course		

Humanities and Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines
History and the Social/Behavioral Sciences, 1 course, 3 credits
Human Diversity - 1 course
Ethical and Civic Responsibility - 1 course
People and the Environment - 1 course

Health OR Exercise Science Electives - 2 credits

NHCC Residency and GPA

Course No.	Course Title	Credits
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

NOTES:

• Students are strongly encouraged to take both Macro and Micro at the same institution.

• For the program electives, technically students can take whatever course(s) they want. However, there is an emphasis/preference on guiding students to take lower-division elective courses that will support students' preparation for the major (but which many not necessarily count in the major). For example, ACCT 2111 and ACCT 2112 are recommended to students who are interested in a business emphasis (if a business emphasis is offered at the desired transfer institution).

• Calculus I is strongly recommended since some Minnesota State universities (Metropolitan State) require Calculus I for their upper-division courses and/or their degree.

• Additional course(s) may be needed to satisfy the pre-requisite(s) for some courses listed.

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

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AS: Education
2021-2022

The Associate of 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
- St. Scholastica in B.S. in Elementary Education K-6

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
EDUC1210	Introduction to Education	3
EDUC1280	Diversity in Education	3
EDUC1350	Foundations of Teaching Literacy	3

General Education Courses

Course No.	Course Title	Credits
ENGL1202	College Writing II	2
PHIL1020	Ethics	3
PSYC1150	General Psychology	3
PSYC1210	Child Development	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
COMM1010 or COMM1110 - 1 course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
COMM1110	Principles of Interpersonal Communication	3

MnTC Electives

Course No.	Course Title	Credits
Natural Sciences (Goal Area 3) - 7 credits from different disciplines, one must be a lab		
Mathematical-Logical Reasoning (Goal Area 4) - 1 or 2 courses. Check requirements of transfer institution:		
MATH1031	Math for Elementary Education I ***or***	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		
The Humanities and Fine Arts (Goal Area 6) - 6 credits including one literature course. Check requirements of transfer institution. ENGL2300 (Children's Literature) highly recommended.		
Global Perspective (Goal Area 8) - 3 credits		

People and the Environment (Goal Area 10) - 3 credits		
Health Requirement:		
Course No.	**Course Title**	**Credits**
HLTH1030	Personal and Community Health	3
Electives:		
Additional Electives, if necessary to reach 60 total credits		
NHCC Residency Requirement and GPA		
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 additionalrequirements 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 careerspecific 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 publishedduring 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 adegree.

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Accreditation

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AS: Pre-Engineering
2021-2022

The Associate of Science degree program in Pre-Engineering is designed to prepare students for continued study in a baccalaureate degree program in engineering.

Course No.	Course Title	Credits
ENGR1000	Introduction to Engineering and Design	3

General Education Courses

Course No.	Course Title	Credits
CHEM1061	Principles of Chemistry I (minimum grade 1.67)	4
CHEM1062	Principles of Chemistry II	4
ECON1060	Principles of Economics Macro	3
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	4
PHIL1020	Ethics	3
PHYS1601	General Physics I	5
PHYS1602	General Physics II	5
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
CSCI1120 OR CSCI1130 - 1 course:		
CSCI1120	Programming in C/C++ ***or***	4
CSCI1130	Introduction to Programming in Java ***or***	4
BIOL1000, BIOL1001, BIOL1200 - 1 course:		
BIOL1000	Life Science ***or***	4
BIOL1001	Biology I ***or***	4
BIOL1200	Current Environmental Issues	4

NHCC Residency and GPA

Course No.	Course Title	Credits
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 inwriting.

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 engineeringcourses.

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.

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AA: English Transfer Pathway
2021-2022

PURPOSE:

The English Transfer Pathway AA offers students a powerful option: the opportunity to complete an AA degree with course credits that directly transfer to designated English bachelor's degree programs at Minnesota State universities. The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter with junior-year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree program in a related field.

This transfer pathway specifically ensures that a student who successfully completes an English Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in English at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Content Area 1 – Introduction to Literary Studies (Choose one course)

Course No.	Course Title	Credits
ENGL 2150	Introduction to Literary Studies	3
ENGL 2540	Introduction to Literary Studies: Reading Poetry	3
ENGL 2570	Introduction to Literary Studies: Reading Plays	3
ENGL 2590	Introduction to Literary Studies: American Short Stories	3

Content Area 2 – Literature Survey (Choose one course)

Course No.	Course Title	Credits
ENGL 2270	Modern American Literature	3
ENGL 2450	Survey of American Literature I	3
ENGL 2460	Survey of American Literature II	3
ENGL 2550	Survey of British Literature I	3
ENGL 2560	Survey of British Literature II	3
ENGL 2580	Shakespeare's Plays	3

Content Area 3 – Diverse Literature (Choose one course)

Course No.	Course Title	Credits
ENGL2250	Japanese Literature	3
ENGL 2330	Hmong American Literature	3
ENGL 2350	Women in Literature	3
ANDL 2360	Global Literary Perspectives	3
ENGL 2370	African American Literature	3
ENGL 2380	American Indian Literature	3
ENGL 2390	American Working-Class Literature	3
ENGL 2410	U.S. Latinx and Latin American Literature	3

Content Area 4 – Writing for a Specific Purpose (Choose one course)

Course No.	Course Title	Credits
ENGL 1140	Professional Writing	3
ENGL 1800	Introduction to Journalism	3
ENGL 1900	Introduction to Creative Writing	3
ENGL 1940	Technical Writing	3
ENGL 2010	Writing Creative Nonfiction and Memoir	3

ENGL 2020	Writing Stories	3
ENGL 2030	Writing Poetry	3
ENGL 2320	Writing: From Structure to Style	2
ENGL 2500	Playwriting	3

Complete Goal Areas 1-10 to fulfill All MnTC Requirements

Course No.	Course Title	Credits
It is strongly recommended to select courses that fulfill multiple Goal Areas		
ENGL 1200 or 1201	Gateway to College Writing or College Writing I	4
ENGL 1202	College Writing II	3
COMM 1010	Public Speaking OR	3
COMM 1110	Interpersonal Communications OR	3
COMM 1210	Small Group Communications	3
HLTH/EXSC	Health OR Exercise Science	2

MnTC Electives:

Goal Area 3	Natural Science: Select 2 courses, 7 credits from 2	7
	different disciplines, one must be a lab	
Goal Area 4	Mathematical/Logical Reasoning – 1 course, at least 3 credits	3
Goal Area 5	History and the Social and Behavioral Sciences: 3 courses, 9 credits	9
Goal Area 7	Human Diversity: (one course if not already met by a Content Area Course or MnTC Electives	
Goal Area 8	Global Perspectives: (one course if not already met by a Content Area Course or MnTC Electives	
Goal Area 9	Ethical and Civic Responsibility: (one course if not already met by a Content Area Course or MnTC Electives	
Goal Area 10	People and the Environment: (one course if not already met by a Content Area Course or MnTC Electives	

Program Electives, minimum 8 credits – Recommended that students coordinate electives (courses listed below or courses in the above Content Areas not already taken as requirements) with remaining MnTC requirements and academic track at receiving institution.

Course No.	Course Title	Credits
ENGL 1250	Magazine Workshop	3
ENGL 1950	Graphic Novles	3
ENGL 1990	English Special Topics	3
ENGL 2300	Children's Literature	3
ENGL 2340	Nature in Literature	3
ENGL 2400	Utopian/Dystopian Literature	3
ENGL 2900	Fantasy Literature	3
ENGL 2950	Mystery and Detective Fiction	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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

Career Opportunities:

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websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

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NHCC Accreditation:

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1-800-621-7440

Cert: English Language for AcademicPurposes (EAP)
2021-2022

This certificate recognizes that a student in the EAP (English Language for Academic Purposes) program has demonstrated a high level of proficiency in academic English language and literacy skills to support student academic and career success. Students alsogain 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
EAP1230	College Reading and Studying Skills	4
EAP1260	College Writing Skills Development	4
EAP1280	Listening and Speaking for College Success	4
1 course from ENGL1200, ENGL1201:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4

Program Electives

Course No.	Course Title	Credits
Program Electives - 6 credits:		
BIOL1230	Medical Terminology I - Basics ***or***	1
BUS1100	Introduction to Business ***or***	3
BUS1110	Human Relations & Professional Skills ***or***	3
BUS1210	Managerial Communication ***or***	3
BUS1700	Introduction to International Business ***or***	3
CIS1000	Computer and Keyboarding Essentials ***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
COMM1610	Introduction to Mass Communication ***or***	3
CRD1000	Career Exploration and Planning ***or***	3
CRD1010	Job Searching Strategies ***or***	1
CSCI1000	Computer Basics ***or***	3
CSCI1020	Beginning Web Page Programming ***or***	1
EAP1060	Advanced Grammar ***or***	2
EAP1080	English Pronunciation ***or***	2
ENGL1140	Professional Writing ***or***	3
ENGL1202	College Writing II ***or***	2
ENGL1940	Technical Writing ***or***	3
ENGL2320	Writing: From Structure to Style ***or***	3
GEOG1000	Geography of the United States	2

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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.

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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

AAS: Entrepreneurship
2021-2022

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 theclassroom and/or online. The Associate of Applied Science in Entrepreneurship is designed to articulate to: Minnesota State University Moorhead B.S. in Project Management.

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1220	Effective Supervision	3
BUS2600	Principles of Marketing	3
CIS1101	Business Computer Systems I	3

Program Courses - Entrepreneurship Specialty

Course No.	Course Title	Credits
ACCT2112	Managerial Accounting	4
BUS1300	Legal Environment of Business	3
BUS1410	Introduction to Business Finance	3
BUS1610	Consumer Behavior	4
BUS1810	Entrepreneurship	4
BUS2200	Principles of Management	3

General Education Courses

Course No.	Course Title	Credits
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
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.)		

NHCC Residency and GPA

Course No.	Course Title	Credits
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 andapply to daily business practice.
- Describe supervisory issues in planning, human resources, team building, and motivationandapply basic supervisory concepts to develop proactive solutions.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communicationappropriate to professional situations locally and globally.
- Effectively use prevalent business software and technology to access information and solvebasic business tasks.
- Use quantitative analysis of financial information and accounting concepts to interpretinformation.
- Apply legal principles to problems commonly experienced in the business world.
- Describe the basic concepts of finance as it relates to business and quantitatively applyknowledge gained to assess financial risks of both individual and businessdecisions.
- Prepare quantitative and qualitative market research within the scope of consumerbehavior.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles anddiversity 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 marketingplan.
- 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 iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on ourtransfer 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 thecompetence 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 averageof 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.

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

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Accreditation

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Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Cert: Entrepreneurship
2021-2022

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
ACCT2112	Managerial Accounting	4
BUS1810	Entrepreneurship	4
BUS2200	Principles of Management	3
BUS2600	Principles of Marketing	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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, andcontrolling. 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.

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Transfer Information

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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.

AS: Exercise Science Transfer Pathway
2021-2022

The Associate of Science in Exercise Science Transfer Pathway will examine the effects of exercise and physical activity on people in order to optimize their physical and mental health. This program focuses on the anatomy, physiology, biochemistry and biophysics of human movement, and application to exercise and therapeutic rehabilitation. This degree can prepare students to transfer, and choose from a broad range of careers such as clinical testing, personal training and performance enhancement, sports management, physical therapy, strength and conditioning, athletic training, cardiac rehabilitation and many more.

This transfer pathway specifically ensures that a student who successfully completes an Exercise Science Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in Exercise Science at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead·
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
BIOL2111	Human Anatomy and Physiology I	4
BIOL2112	Human Anatomy and Physiology II	4
EXSC1050	Weight Training	1
EXSC1500	Foundations of Exercise Science	3
EXSC1900	Worldwide Fitness Trends	
EXSC2010	Essentials of Exercise Science	3
EXSC2110	Advanced Fitness Assessment and Exercise Prescription	3
EXSC1060/2600	Advanced Weight Training OR Wellness Coaching and Behavior Change	2
EXSC2490	Kinesiology	4
HLTH1070	Nutrition	3
1 course from HLTH1250, EXSC1250:		
EXSC1250	Wellness for Life ***or***	3
HLTH1250	Wellness for Life	3

General Education Courses

Course No.	Course Title	Credits
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
Biology I or Principles of Biology:		
BIOL1001	Biology I ***or***	4
BIOL1101	Principles of Biology I	4
Intro to Chemistry or Principles of Chemistry:		
CHEM1010	Introduction to Chemistry ***or***	4
CHEM1061	Principles of Chemistry I	4
COMM1110	Principles of Interpersonal Communication	3
MATH1130	Elementary Statistics	3
PSYC1150/1160	General Psychology OR Introduction to Psychology	3-4
SOC1110	Introduction to Sociology	3
History and the Social Behavorial Sciences - Complete 3 credits		

Electives

Course No.	Course Title	Credits
Addidional courses, if needed, to reach 30 MnTC credits, and 60 total credits		

Total Credit Required 60

Students seeking a Physical Therapy degree: Additional program requirements are CHEM 1062, BIOL 1202, PHYS 1201 and PHYS 1202. See PT specific degree map from EXSC faculty and/or advisor.

CHEM 1061 has a College Algebra Pre-Requisite (MATH 1150) or Accuplacer score of 79 or higher CHEM 1061 and BIOL 1101 are required for Physical Therapy Program requirements. CHEM 1010 and BIOL 1001 will NOT be counted towards a Physical Therapy Program and you will have to retake these courses at the higher level.

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

- Apply principles, skills, and methods related to biomechanics, exercise physiology, health promotion, exercise prescription and sport psychology.

Intellectual and Practical Skills, Including:

- Apply the clinical and epidemiological evidence linking physical activity and exercise to mental and physical health.
- Apply the scientific method to solve problems related to physical activity and health.
- Utilize oral and written communication that meets appropriate professional and scientific standards in the field of Kinesiology/Exercise Science.
- Evaluate the effectiveness of human movement using mechanical principles.
- Associate the organic, skeletal, and neuromuscular structures of the human body to psychological factors associated with diverse physical activities.
- 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, Including

- Apply Exercise Science related skills to real-world problems through empirical research, internships, field experience, and/or service learning.
- 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.
- 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.
- 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, Including

- 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.

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.

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Accreditation

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Career Opportunities

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AA: Emphasis inFilm
2021-2022

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 mediaprinciples 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 infilm 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 Screenwritingdegree.

Program Courses

Course No.	Course Title	Credits
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
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 ***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
COMM1110	Principles of Interpersonal Communication	3
ENGL1202	College Writing II	2
PHIL1020	Ethics	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
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		
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits		
Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits, at least one course from Behavioral Sciences and one course from Social Sciences.		
Behavioral Sciences (Goal Area 5)		

Social Sciences (Goal Area 5)
Health Electives - 3 credits
Exercise Science Electives - 1 credit
MnTC Electives - 4 credits

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- 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 tp 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.

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Career Opportunities

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Transfer Information

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Accreditation

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Cert: Finance and Investments

2021-2022

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 takenonline. 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
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
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 below1000 will not apply toward a degree.

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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 knowledgegained to assess financial risks of both individual and business decisions.
Describe the basic concepts of finance as it relates to business and quantitatively apply knowledgegained to assess financial risks of both individual and business decisions.
Identify financial opportunities and examine the viability or feasibility of a new business conceptthrough 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 byconducting quantitative and qualitative primary investment research.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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AAS: Finance Management
2021-2022

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. Thecourses from this program are delivered in the classroom and/or online.
The Associate of Applied Science in Finance Management is designed to articulate to: Minnesota State University Moorhead B.S. in Project Management.

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1220	Effective Supervision	3
BUS2600	Principles of Marketing	3
CIS1101	Business Computer Systems I	3

Program Courses - Finance Specialty

Course No.	Course Title	Credits
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
COMM1010	Fundamentals of Public Speaking	3
ECON1060	Microeconomics	3
ECON1070	Macroeconomics	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
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10		
(The MnTC Electives selected must total a minimum of 5 credits.)		

NHCC Residency and GPA

Course No.	Course Title	Credits
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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Transfer Information

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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.

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Higher Learning Commission
30 N. LaSalle Street, Suite 2400
Chicago, IL 60602-2504
1-800-621-7440

Cert: Game Programming
2021-2022

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
CSCI1030	Programming for Internet	3
CSCI1035	Introduction to Computer Programming with Games	4

Program Electives

Course No.	Course Title	Credits
Program Electives - 4 credits:		
CSCI1120	Programming in C/C++ ***or***	4
CSCI1130	Introduction to Programming in Java (CS0) ***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
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 design for Internet delivery
- How to design and deploy a website How to program in one of themajor general computer languages

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-thirdof 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 notapply toward a degree.

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Transfer Information

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AA: Gender and Women's Studies Emphasis
2020-2021

In this program students will examine gender through many lenses, including history, psychology, sociology, arts and humanities. They will also gain an understanding of the relationships of power, sexuality, race, class, nationality, religion and age as they intersect with gender. Students will become familiar with the cultural aspects of gender inequality and oppression.

Program Courses

Course No.	Course Title	Credits
GCST/GWS1501	Introduction to Gender and Women's Studies	3
ENGL2350	Women and Literature	4
PSYC1170	Psychology of Gender	4
BIO1350	Biology of Women with or without a lab	3-4

Program Electives

Course No.	Course Title	Credits
GCST/GWS1502	Human Trafficking	3
GCST/GWS1503	Masculinities	3
GCST/GWS1504	Feminism and Capitalism	3
GCST/GWS1505	Women and War	3
GCST/GWS1507	Mass Incarceration	3
SOC2210	Social Inequity	3

General Education Courses

Course No.	Course Title	Credits
ENGL1202	College Writing II	2
MATH1130	Elementary Statistics	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
Natural Science (Goal Area 3) - 3- 4 credits **(Note - If student takes BIO 1350, they must take a course in goal area 3 that includes a lab from a department other than biology. If student takes BIO 1360, they must take one other course in goal area 3. That course must be from a department other than biology)**		
History and the Social/Behavioral Sciences (Goal Area 5) – 3 credits **(Note – Several GWS electives include goal area 5. Students will probably satisfy this requirement with electives.)**		
Humanities and Fine Arts (Goal Area 6) – 6 credits		
Global Perspective (Goal Area 8) – 3 credits		
Ethical and Civic Responsibility (Goal Area 9) – 3 credits **(Note – Several GWS electives include goal area 9. Students will probably satisfy this requirement with electives)**		
People and the Environment (Goal Area 10) - 3 credits		

Health Requirement

Course No.	Course Title	Credits
Health and/or Exercise Science – 2 credits		

Electives

Course No.	Course Title	Credits
Additional Electives, if necessary, for a total of 60 credits:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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.

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.

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Transfer Information

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Accreditation

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AS: Graphic Design

2021-2022

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 thinkingand 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 artistas 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, illustratorsor 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 withthe partnering College or University.
- Talk with an academic advisor (http://nhcc.edu/student-resources/academic-advising) about

Program Courses: Fine Arts

Course No.	Course Title	Credits
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
ART2540	Illustration	3
ART2550	Typography	3

ART2561	Web Design I	3
ART2562	Web Design II	3

ART2601	Advanced Graphic Design I	3
ART2602	Advanced Graphic Design II	3
ART2810	Publication Design	2
ART2901	Graphic Design Tools I	3
ART2902	Graphic Design Tools II	3

General Education Course

Course No.	Course Title	Credits
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4

MnTC Electives

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

NHCC Residency and GPA

Course No.	Course Title	Credits
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, andindividual well-being by:

- Demonstrating skill in the foundation studio arts coursesDevelop

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 beeffective 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, pastand present, in the development of the field of graphic design
- Studying the ethics in the use of ideas and technical information as a foundation forrespect 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 ofthe 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 studentwill 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 thisdegree) 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 3credits 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 acollege 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 mayhave additional requirements or a higher minimum grade point average.
Earn a minimum of 15 semester credits at North Hennepin Community College. A student mustcomplete 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 30professional/technical credits.
Have four years to complete the graduation requirements as published in the catalog in effect at thetime 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 TransferCurriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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Accreditation

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AS: Health
2021-2022

The Associate of Science Degree in Health is a rewarding field for individuals interested in making a difference in the lives of others through the promotion of healthy lifestyles, healthy family functioning,and improving conditions that make it possible to life healthy lives. It is a vitally important field that is experiencing rapid growth and demand. This AS degree prepares students for a wide range of occupations in the health field, relating to stress techniques, nutrition and wellness, drugs and alcoholawareness, healthy sexuality and global implications in health. Students will be prepared to transfer to a 4-year institution upon completion as well as work in a variety of career settings including, but not limited to, family planning agencies, nonprofit agencies, state and federal health agencies, schools and community health agencies. This degree has an articulation agreement to Minnesota State University Mankato and Winona State University.

Program Courses

Course No.	Course Title	Credits
HLTH1030	Personal and Community Health	3
HLTH1050	Stress Management	3
HLTH1070	Nutrition	3
HLTH1080	Consumer Health	3
HLTH2020	Introduction to Health	3
HLTH2040	Foundations and Theory in Health	3

Subtotal 18

Program Electives

Course No.	Course Title	Credits
Choose 3 of the 5 following classes::		
HLTH1010	Health Terminology *or*	3
HLTH1060	Drugs and Health *or*	3
HLTH1900	Healthy Sexuality *or*	3
HLTH2030	Global Health *or*	3
HLTH2080	Environmental Health	3

Subtotal 9

General Education Courses

Course No.	Course Title	Credits
College Writing I (minimum grade 1.67): (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
BIOL1001	Biology I	4
BIOL2111	Human Anatomy and Physiology I	4
BIOL2112	Human Anatomy and Physiology II	4
COMM1310	Intercultural Communication	3
COMM1010	Fundamentals of Public Speaking	3
MATH1150	College Algebra	3
PHIL1220	Health Care Ethics	3
PSYC1150	General Psychology	3

Subtotal 33

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- Identify and develop a background of knowledge to address the major health-related,cultural and social needs of the communities we live and workin.

Intellectual and Practical Skills:

- Inquiry and analysis.
- Critical and creative thinking.
- Written and oral communication.
- Quantitative literacy.
- Information literacy.
- Teamwork and problem solving.
- Examine the importance of ethnic and cultural factors for health practices in thecommunity. promote holistic health care standards.

Personal and Social Responsibility and Engagement:

- Promote healthy behaviors through evidence-based data and apply these findings to strategiesin the classroom to promote holistic health care standards.
- Identify the socioeconomic, behavioral, biological, environmental, and other factors thatimpact human health and contribute to health disparities.
- Ethical reasoning and action.
- Foundations and skills for lifelong learning.

Integrative and Applied Learning:

- Apply the data presented in these classes to analyze and synthesize pertinent andcurrent information which will help educate students and their future clients.

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 acollege 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 mayhave additional requirements or a higher minimum grade point average.

Earn a minimum of 15 semester credits at North Hennepin Community College. A student mustcomplete 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 thetime 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 TransferCurriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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AS: Health Science Broad Field

2021-2022

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

Program Courses

Course No.	Course Title	Credits
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
MATH1130	Elementary Statistics (minimum grade 2.0)	3

General Education Courses

Course No.	Course Title	Credits
COMM1310	Intercultural Communication (minimum grade 2.0)	3
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
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

Additional Requirements

Course No.	Course Title	Credits
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
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 systemsIntellectual and

Practical Skills:

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

Responsibility and Engagement:

- Employ awareness and understanding of health, wellness and liberal arts;
- Develop the capacity to identify, discuss, and reflect upon social and behavioral issueIntegrative 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 acollege 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 mayhave additional requirements or a higher minimum grade point average.

Earn a minimum of 15 semester credits at North Hennepin Community College. A student mustcomplete 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 30professional/technical credits.

Have four years to complete the graduation requirements as published in the catalog in effect at thetime 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 TransferCurriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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AA: History Transfer Pathway
2021-2022

The History Transfer Pathway [AA] provides students with a firm foundation in history and related disciplines to allow them totransfer to a four-year institution with a junior standing in the History major. Students who successfully complete the History Transfer Pathway are guaranteed junior standing in History and admission to universities in the Minnesota State system:

This transfer pathway specifically ensures that a student who successfully completes a History Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in History at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
HIST1200	History of United States Through 1877	3
HIST1210	History of the United States Since 1877	3
HIST2900	Applied History	3
World History OR Western Civilization History (6 credits):		
World History		
HIST1010	World History: Origins to 1300 ***and***	3
HIST1020	World History: 1300 to Present	3
Western Civilization History		
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
Program electives - 2 courses:		
HIST1030	Colonial History of the Americas	3
HIST1270	Race in America ***or***	3
HIST1990	Topics: ***or***	1
HIST2500	World Regional History ***or***	3
HIST2700	History and Popular Culture	3

General Education Courses

Course No.	Course Title	Credits
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, EEVS1100, EEVS1140, NSCI1110 - 1 course:		
BIOL1200	Current Environmental Issues ***or***	4
EEVS1100	Physical Geology ***or***	4
EEVS1140	Historical Geology ***or***	4
NSCI1110	Minnesota's Natural History	4

COMM1010 or COMM1710 - 1 course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
COMM1710	Oral Interpretation and Traditions	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
ANTH1020 or GEOG1010 - 1 course:		
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory ***or***	3
GEOG1010	Physical Geography	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 Requirement

Course No.	Course Title	Credits
Health and Exercise Science - take 2 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- Broad knowledge of world history, ancient to present, including knowledge of chronology, place, andsignificance.
- 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

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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

AS: Human Services
2021-2022

The Human Services Associate degree program educates students to provide information, support, care and advocacy in a varietyof human service settings. As a part of the learning experience, students will be able to explore the human services generalist roleas they advocate and help individuals, families and communities. Experience with human service agencies and clients will occur through class and internship experiences.

Program Courses: Science Foundation

Course No.	Course Title	Credits
BIOL1130	Human Biology with a Lab	4

Program Courses: Human Services Core Curriculum

Course No.	Course Title	Credits
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
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
COMM1310	Intercultural Communication	3
PHIL1220	Health Care Ethics	3
PSYC1160	Introduction to Psychology	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
ENGL1202	College Writing II	2

MnTC Electives

Course No.	Course Title	Credits
7 credits from MnTC Goal Areas 4, 6 or 10		

NHCC Residency and GPA

Course No.	Course Title	Credits
15 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Electives

Course No.	Course Title	Credits
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.

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Transfer Information

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Career Opportunities

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

Accreditation

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AS: Individualized Studies
2021-2022

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 goalsand 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
PLA1010	Individualized Studies Development	2

Individualized Program Courses

Course No.	Course Title	Credits
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
CIS1000 or CIS1101 - 1 course:		
CIS1000	Computer and Keyboarding Essentials ***or***	3
CIS1101	Business Computer Systems I	3

General Education Courses

Course No.	Course Title	Credits
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
COMM1010 or COMM1110 - 1 course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
COMM1110	Principles of Interpersonal Communication	3

MnTC Electives

Course No.	Course Title	Credits
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits		
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits		
The Humanities and Fine Arts (Goal Area 6) - 3 credits		
MnTC Goal Areas 7, 8, 9 or 10 - 3 credits		
MnTC Electives - 9 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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Transfer Information

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Career Opportunities

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

Accreditation

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Cert: Internet Programming

2021-2022

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 essentialknowledge 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
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 (CS0) ***or***	4
CSCI1150	Programming in C# for .NET ***or***	4
CSCI1990	Topics: ***or***	1
CSCI2001	Object Oriented Programming (CS1) ***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
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

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World, including: Designing appealing and functionaluser interfaces

Intellectual and Practical Skills, including: How to program in JavaHow to design and deploy a Web site

Specifics of programming Internet-based applications and services How to porgram ASP.NET-based Web sitesutilizing 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 minimumgrade 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 notapply toward a degree.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau ofLabor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

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Transfer Information

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Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimumgrade 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 notapply toward a degree.

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AS: Law Enforcement TransferPathway
2021-2022

The Law Enforcement Transfer Pathway AS offers students a powerful option: the opportunity to complete an AS degree with course credits that directly transfer to designated Law Enforcement's degree programs at Minnesota Stateuniversities. The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter the university with junior-year status. All courses inthe Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree programs in a related field.

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses - Law Enforcement Center

Course No.	Course Title	Credits
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
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	Social Inequality (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
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 acombined GPA of 2.50 or higher.		

Program Courses

Course No.	Course Title	Credits
EXSC1010	Physical Fitness	2
HLTH1600	First Responder	3

General Education Courses

Course No.	Course Title	Credits
COMM1110	Principles of Interpersonal Communication	3
PHIL1020	Ethics	3

MnTC Electives

Course No.	Course Title	Credits
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]		

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 programprerequisites 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 beUS 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 enforcementprogram 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, thepurpose and function of police, courts, and corrections.
an understanding of political, cultural and social class forces which impact the police, suspects, victims, and otherparties 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 crimestatistics, 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 professionalmanner 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 attributesthat 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 asits relationship to the other social sciences.
- Understanding concepts used in the Law Enforcement profession and how they will be applied in thefield.
- Understanding techniques and strategies used in crime investigation, patrol operations, and daily policework. Upon completion of the program, be prepared to transfer to a baccalaureateprogram.

Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentialsfor 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 abovein 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 least50% 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/technicalcredits.
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 anycatalog 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

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Transfer Information

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Accreditation

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Career Opportunities

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AAS: Management
2021-2022

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. Thiscertificate qualifies for the Workforce Investment Act.

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1220	Effective Supervision	3
BUS2600	Principles of Marketing	3
CIS1101	Business Computer Systems I	3

Program Courses - Management Specialty

Course No.	Course Title	Credits
ACCT2112	Managerial Accounting	4
BUS1300	Legal Environment of Business	3
BUS1510	Operations Management	3
BUS1630	Professional Sales and Management	4
BUS1810	Entrepreneurship	4
BUS2200	Principles of Management	3

General Education Courses

Course No.	Course Title	Credits
COMM1010	Fundamentals of Public Speaking	3
ECON1060	Macroeconomics	3
ECON1070	Microeconomics	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
MnTC Electives from at least 2 of the following MnTC Goal Areas: 2, 3, 4, 6, 7, 9, and/or 10		
(The MnTC Electives selected must total a minimum of 5 credits.)		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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.

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Cert: Management

2021-2022

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 BusinessAdministration A.S. Degree - Management Concentration or various A.A.S. degrees.

Program Courses

Course No.	Course Title	Credits
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1220	Effective Supervision	3
BUS2200	Principles of Management	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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 andlegaland ethical responsibility of businesses operating profitably in a changingworld.

Intellectual and Practical Skills, focused by:

- Apply effective listening, written, verbal, persuasive and nonverbal communicationappropriate to professional situations locally and globally.

Personal and Social Responsibility and Engagement, focused by:

- Identify and appreciate differences in personality, differences in communication styles anddiversity 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 below1000 will not apply toward a degree.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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 ourtransfer resources web page to help you plan the process: Transfer Information

AAS: Marketing

2021-2022

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, andmanufacturers. The courses from this program are delivered in the classroom and/or online.

Program Courses - Business Foundation

Course No.	Course Title	Credits
ACCT2111	Financial Accounting	4
BUS1100	Introduction to Business	3
BUS1110	Human Relations & Professional Skills	3
BUS1220	Effective Supervision	3
BUS2600	Principles of Marketing	3
CIS1101	Business Computer Systems I	3

Program Courses - Marketing Specialty

Course No.	Course Title	Credits
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
BUS2200	Principles of Management	3

General Education Courses

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

NHCC Residency and GPA

Course No.	Course Title	Credits
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: https://careerwise.minnstate.edu/careers/ and www.bls.org

Transfer Information

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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.

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Accreditation

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1-800-621-7440

Cert: Marketing and Sales

2021-2022

This certificate is for students to learn successful leadership, teamwork, and communication skills that can be applied in businesssituations. 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
BUS1610	Consumer Behavior	4
BUS1620	Advertising and Sales Promotion	3
BUS1630	Professional Sales and Management	4
BUS2600	Principles of Marketing	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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

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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.

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AA: Mathematics TransferPathway
2021-2022

This transfer pathway specifically ensures that a student who successfully completes a Mathematics Transfer Pathway Degree AA can transfer the full degree into a parallel baccalaureate degree program in Mathematics at a Minnesota State University.

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
MATH1221	Calculus I	5
MATH1222	Calculus II	5
MATH2220	Calculus III	5
Choose either Linear Algebra OR Differential Equations:		
MATH2300	Linear Algebra ***or***	3
MATH2400	Differential Equations	4

General Education Courses

Course No.	Course Title	Credits
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
ENGL1202	College Writing II	2
COMM1610	Introduction to Mass Communication	3

MnTC Electives

Course No.	Course Title	Credits
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course:		
History and the Social and Behavioral Sciences - Must complete 9 credits		
Humanities and Fine Arts - 9 credits from 2 different disciplines		
Goal Areas 7, 8, 10 - Courses can "double dip" and also count in Goal Areas 1-6. Credits only count once.		
Additional Electives, if needed, to reach 40 total MnTC credits:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

*Universities within the Minnesota State system include Bemidji State University; Metropolitan State University; Minnesota State University, Mankato; Minnesota State University Moorhead; Southwest Minnesota State University; St. Cloud State University; and Winona State University.

Advising on Electives: Recommendations specific to institutions based on the current catalog are listed below. Students are encouraged to research each institution to identify their best fit.

University	Recommendations
Bemidji State University	Students are encouraged to take and transfer in Differential Equations.
Metropolitan State University	Students are also encouraged to take and transfer in Statistics I, Physics I with Calculus, or Computer Programming I.
Minnesota State University Moorhead	Computer Programming course is required.
Minnesota State University Mankato	A minor is required. Students are encouraged to take at least one course that applies to their minor. A list of minors and their requirements are listed in the Minnesota State University's Mankato's catalog. Any minor may be chosen.
Southwest Minnesota State University	
St. Cloud State University	A computer programming course and a minor in specific areas are required. A list of acceptable minors can be found in the University Catalog. Students are encouraged to take at least one course that applies to their minor.
Winona State University	Students are encouraged to take and transfer in the following courses: • Linear Algebra • A math or computer science based introduction to discrete mathematical structures with applications • First course in Statistics • A minor is required to progress towards a minor should begin at the college level

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

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.

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Transfer Information

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Accreditation

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AAS: Medical Laboratory Technology
2021-2022

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 willbe 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: SaintCloud 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
BIOL1120	Human Biology	3
CHEM1061	Principles of Chemistry I	4
CHEM1062	Principles of Chemistry II	4
COMM1110	Principles of Interpersonal Communication	3
MATH1150	College Algebra	3
PHIL1020	Ethics	3
College Writing I:		
ENGL1200	Gateway College Writing ***or***	4
ENGL1201	College Writing I	4
1 course from BIOL1001, BIOL1101:		
BIOL1001	Biology I ***or***	4
BIOL1101	Principles of Biology I	4

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
MLT1000	Clinical Laboratory Basics or	1
ALTH1020	Phlebotomy Technology	4
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
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
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 requirementsunless 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 themfor 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 proficientperformance of clinical laboratory procedures.
- Utilize effective interpersonal communication skills with customers and coworkers.Utilizeeffective written communication skills appropriate for the professional setting.
- Develop competence in the theoretical knowledge necessary to prepare for the nationalcertification 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 asamember of the health care team.

Integrative and Applied Learning:

- Apply critical thinking skills to correlating laboratory findings and commondiseaseprocesses.
- 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 nationalcertification examination.
Upon successful completion of the program, students may be eligible to transfer to the B.S. in MedicalLaboratory Science program at St. Cloud State University.

Career Opportunities

Hospitals, Medical Clinics, Pharmaceutical Companies, Government Agencies, Chemical, and IndustrialCompanies, Medical Device Companies and Private Labs

Program Accreditation

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) 5600 N. River Road, Suite 720Rosemont, IL 60018

Notes

Day or evening option for MLT didactic courses. The program concludes with a clinical component thatis only offered on the day shift.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek andBureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Transfer Information

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Degree Information

The Associate in Applied Science (A.A.S.) degree is intended for those students who plan to use thecompetence 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 mayhave 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 TransferCurriculum (MnTC).

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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Cert: Microsoft Office Essentials
2021-2022

This certificate provides essential computer skills needed in industry today. Students will use Microsoft Office products as well asother 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
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
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 businessoperations

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.

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Transfer Information

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Cert: Microsoft Office Principles
2021-2022

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 aredelivered in the classroom and/or online. This certificate qualifies for the Work Investment Act.
Note: This certificate was previously Microsoft Office Fundamentals. CIS 1500 Developing Keyboarding Skills will satisfy the CIS 1000 Computer and Keyboard Essentials requirement ifcompleted prior to August 27, 2018 for this certificate only.

Program Courses

Course No.	Course Title	Credits
CIS1101	Business Computer Systems I	3
CIS1200	Word Processing	3
CIS1220	Decision Making Excel	3

Program Electives

Must satisfy 1 of the following requirements

Course No.	Course Title	Credits
Program Electives - 3 credits:		
CIS1000	Computer and Keyboarding Essentials *or*	3
CIS1230	Business Presentations: PowerPoint *or*	3
CIS1240	Information Management: Access *or*	3
CIS1310	The Whole Internet	3

NHCC Residency and GPA

Course No.	Course Title	Credits
3 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

- Preform specialized tasks using Microsoft Office applications
- Maintain computer information records
- Use of Microsoft Office for report creation
- Verify information using information technology
- Gain advanced knowledge of Microsoft Office applications
- Communicate is 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
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Transfer Information
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Cert: Microsoft OfficeSpecialist
2021-2022

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
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
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.

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Program Outcomes

Intellectual and Practical Skills:
Demonstrate advanced software application skills.
Analyze and solve business problems using software applications Use the software applications in anethical 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 iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of studywith 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.

AFA: Music
2021-2022

The Associate of Fine Arts in Music is designed to provide a broad background in music for students planning transfer to anothercollege 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
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

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
ENGL1202	College Writing II	2
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
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

MnTC Electives

Course No.	Course Title	Credits
Natural Sciences (Goal Area 3) - 4 credits		
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits		
History and the Social and Behavioral Sciences (Goal Area 5) - 6 credits		
Goal Areas 7, 9, or 10 - 3 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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:

- 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 toperformance
- 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

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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.

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Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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

AS: Nursing

(MANE) 2021-2022

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 inthe 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 andalong 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 MinnesotaAlliance 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 areFebruary 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
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
2.75 GPA Minimum for Nursing Application Prerequisite Courses		
1 course from CHEM1010, CHEM1061:		
CHEM1010	Introduction to Chemistry ***or***	4
CHEM1061	Principles of Chemistry I	4

Program Prerequisite Courses

Course No.	Course Title	Credits
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
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
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
75 Total Credits Required:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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Program Outcomes Outcome:

NCLEX-RN First Time Pass Rates

Expected Level of Achievement:

The program's most recent annual licensure examination pass rate will be at least 80% for all first-time test takers during the same 12-month period.

Actual:

1/1/2017 - 6/30/2017 - 86.9%
1/1/2016 - 12/31/2016 - 79.84%
MN Average: 81.86%
National Average: 81.68%

Outcome:

Program Completion

Expected Level of Achievement:

70% of students will complete the program in 150% of the program length.

Actual:

2016: 82%

Outcome:

Job Placement

Expected Level of Achievement:

Within six months of completing semester five, 70% of students will be employed as a Registered Nurse.

Actual:

2015: 80.6%

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 healthcareteam.
- 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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Transfer Information

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AS: Nursing, Advanced Standing (MANE)
2021-2022

The North Hennepin Community College Associate Degree Nursing Program is designed to educate students who are prepared tobegin 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 areFebruary 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
Practical Nursing Courses - 5 credits:		

Nursing Application Prerequisite Courses

Course No.	Course Title	Credits
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
2.75 Minimum for all Pre-Admission Courses		
1 course from CHEM1010, CHEM1061:		
CHEM1010	Introduction to Chemistry ***or***	4
CHEM1061	Principles of Chemistry I	4

Program Prerequisite Courses

Course No.	Course Title	Credits
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
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
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
75 Total Credits Required:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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Program Outcomes Outcome:

NCLEX-RN First Time Pass Rates

Expected Level of Achievement:

The program's most recent annual licensure examination pass rate will be at least 80% for all first-time test takers during the same 12-month period.

Actual:

1/1/2017 - 6/30/2017 - 86.9%
1/1/2016 - 12/31/2016 - 79.84%
MN Average: 81.86%
National Average: 81.68%

Outcome:

Program Completion

Expected Level of Achievement:
70% of students will complete the program in 150% of the program length.
Actual:
2016: 82%
Outcome:
Job Placement
Expected Level of Achievement:
Within six months of completing semester five, 70% of students will be employed as a Registered Nurse.
Actual:
2015: 80.6%
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 healthcareteam.
- 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 environments
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: https://careerwise.minnstate.edu/careers/ 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

AS: Nutrition
2021-2022

The Nutrition Associates of Science is designed for students who plan to pursue a bachelor's orpost-baccalaureate degree in nutrition, food science, or other allied-health fields. Our program course work provides foundational knowledge in biology, chemistry, math, writing, communication, cultural humility, and research – with an emphasis on nutrition and wellness. Nutrition is a contributing factor in bettering health and performance, as well as preventing andtreating disease. Understanding how nutrition impacts health can help change lives.
Nutrition professionals work in a variety of public, private, and community settings applyingnutrition-related research to everyday habits and routines.

Students admitted to the program will explore the science of nutrition, how it relates to culture,and the changing nutritional needs as we age.

This degree has an articulation agreement to Minnesota State University Mankato.

Program Courses

Course No.	Course Title	Credits
HLTH 1070	Principles of Nutrition	3
HLTH 2070	Socio-Cultural Aspects of Nutrition	3
HLTH2090	Life Cycle Nutrition	3

Choose 2 General Education Courses Based on Transfer Institution:

Course No.	Course Title	Credits
BIOL 2111	Human Anatomy and Physiology I	4
BIOL 2112	Human Anatomy and Physiology II	4
CHEM 1062	Principles of Chemistry II	4
CHEM 2061	Organic Chemistry I	5

Program Electives
Choose 7 credits of the following courses

Course No.	Course Title	Credits
Choose 7 credits from the following courses:		
ENGL 1940	Technical Writing or	3
HLTH 1000	Introduction to Mindfulness or	2
HLTH 1010	Health Terminology or	3
HLTH 1030	Personal and Community Health or	3
HLTH 1040	Current Health Issues and Human Behavior or	3
HLTH 1050	Stress Management or	3
HLTH 1080	Consumer Health or	3
HLTH 2040	Theories and Foundations in Health or	3
EXSC 1010	Physical Fitness or	2
EXSC 1XXX	Any combination of EXSC courses	2

General Education Courses

Course No.	Course Title	Credits
College Writing I (minimum grade 1.67): (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

PSYC 1150	General Psychology	3
SOC 1110	Introduction to Sociology	3

MATH 1130	Elementary Statistics	3
MATH 1150	College Algebra	3
CHEM 1061	Principles of Chemistry I	4
BIOL 1001	Biology I	4
BIOL 2100	Microbiology	4
COMM 1010	Fundamentals of Public Speaking	3
COMM 1310	Intercultural Communication	3

NHCC Residency and GPA

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

- Describe the relationship between nutrition, health promotion, and disease prevention. – 1, 3
- Demonstrate ability to locate, evaluate, and apply evidence-based nutrition research, guidelines, and recommendations for individuals and communities – NHCC ELO 1, 2, 3, 4
- Recognize how environmental, cultural, economic, biological, and psychosocial factors impact nutritional status, health, and disease – NHCC ELO 1, 2, 3, 4
- Utilize awareness of the cultural and life-stage perspective through active listening, digital literacy, and oral/written communications – NHCC ELO 1, 2, 3, 4

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.

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Transfer Information
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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

Cert: Object-Oriented Programming 2021-2022

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
CSCI2001	Structure of Computer Programming I (CS1)	4
CSCI2002	Structure of Computer Programming II (CS2)	4

Program Electives

Course No.	Course Title	Credits
Program Electives - 1 course:		
CSCI1130	Introduction to Programming in Java (CS0) *or*	4
CSCI1150	Programming in C# for .NET	4

NHCC Residency and GPA

Course No.	Course Title	Credits
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 creditsrequired 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.

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Transfer Information

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AS: Paralegal
2021-2022

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 equivalent of legal specialty courses through traditional classroominstruction 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
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
Program Electives - 10 credits:		
PLEG1330	Family Law ***or***	3
PLEG1430	Alternative Dispute Resolution ***or***	1
PLEG1510	Intellectual Property ***or***	2
PLEG1610	Immigration Law ***or***	3
PLEG1990	Topic: ***or***	3
PLEG2310	Criminal Law and Procedure ***or***	3
PLEG2430	Torts & Personal Injury Law ***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
COMM1010	Fundamentals of Public Speaking	3
ENGL2320	Writing: From Structure to Style	3
POLS1100	American Government and Politics	3
PSYC1150	General Psychology	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
PHIL1110 or PHIL1050 - 1 course:		
PHIL1050	Introduction to Logic ***or***	3
PHIL1110	Informal Reasoning for Problem Solving	3

MnTC Electives

Course No.	Course Title	Credits
Natural Sciences or Mathematics/Logical Reasoning (Goal Area 3 or 4) - 3 credits		
The Humanities and Fine Arts (Goal Area 6) - 3 credits		
MnTC Electives - 5 credits		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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 Goal: Deliver a comprehensive paralegal education that will graduate ethical, employable, competent professionals for careers in the legal field.

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 thatknowledge 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 fouryear institution in this discipline.

Program Outcomes: Upon completion of the paralegal program, NHCC graduates will be able to:

1. 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.

2. Understand and apply the Rules of Professional Conduct to the practice of law and demonstrate ethical behaviors in all settings.

3. Demonstrate written, verbal, and interpersonal communication skills appropriate to various legal and business settings.

4. Think critically and creatively analyze, synthesize, and organize information.

5. Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.

6. Successfully complete projects performed by paralegals in the various substantive areas of law.

7. Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.Degree Information

The Associate of Science (A.S.) degree is intended for students whose primary goal is to complete the credentials for a specificcareer 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.

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Career Opportunities

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Accreditation

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Cert: Paralegal

2021-2022

This program prepares students to assist lawyers and administrators of law-related occupations in providing efficientlegal 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 aparalegal 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 equivalent 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
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
Program Electives - 10 credits:		
PLEG1330	Family Law ***or***	3
PLEG1430	Alternative Dispute Resolution ***or***	1
PLEG1510	Intellectual Property ***or***	2
PLEG1610	Immigration Law ***or***	3
PLEG1990	Topic: ***or***	3
PLEG2310	Criminal Law and Procedure ***or***	3
PLEG2430	Torts & Personal Injury Law ***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
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

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 yourchances 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 minimumgrade 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

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Program Outcomes

Program Goal: Deliver a comprehensive paralegal education that will graduate ethical, employable, competent professionals for careers in the legal field.

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 fouryear institution in this discipline.

Program Outcomes: Upon completion of the paralegal program, NHCC graduates will be able to:

1. 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.

2. Understand and apply the Rules of Professional Conduct to the practice of law and demonstrate ethical behaviors in all settings.

3. Demonstrate written, verbal, and interpersonal communication skills appropriate to various legal and business settings.

4. Think critically and creatively analyze, synthesize, and organize information.

5. Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.

6. Successfully complete projects performed by paralegals in the various substantive areas of law.

7. Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau ofLabor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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Degree Information

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Developmental Courses

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Cert: Personal Training

2021-2022

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.

Included in the program are on campus opportunities which would allow practical application of concepts learned in the areas of exercise prescription and implementation of individualized programs.

Program Courses

Course No.	Course Title	Credits
EXSC1050	Weight Training	1
EXSC1060	Advanced Weight Training	2
EXSC1900	Worldwide Fitness and Wellness Trends	1
EXSC2010	Essentials of Exercise Science	3
EXSC2100	Concepts of Training	3
EXSC2110	Advanced Fitness Assessment & Exercise Prescription	3
EXSC2200	Applications of Training	2
EXSC2490	Kinesiology	4
EXSC2600	Wellness Coaching and Behavior Change	2
HLTH1070	Nutrition	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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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: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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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

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Cert: Phlebotomy Technician
2020-2021

The Phlebotomy Technician certificate program will prepare students for an entry level career in healthcare and will provide foundational and transferrable skills for students who wish to continue their education in medical laboratory, nursing, Radiology and others. Accreditation through NAACLS will be sought.

Program Courses

Course No.	Course Title	Credits
ALTH 1020	Phlebotomy Technology	4
ALTH 1025	Phlebotomy Practicum	2
COMM 1110	Interpersonal Communication	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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Program Outcomes including Essential Learning Outcomes

1. Demonstrate knowledge of health care delivery system and medical terminology
2. Demonstrate knowledge of infection control and safety
3. Demonstrate basic understanding of the anatomy and physiology of body systems and anatomic terminology in order to relate major areas of clinical laboratory to general pathologic conditions associated with the body systems
4. Demonstrate basic understanding of age specific or psycho-social considerations involved in the performance of phlebotomy procedures on various age groups of patients
5. Demonstrate understanding of the importance of specimen collection and specimen integrity in the delivery of patient care
6. Demonstrate knowledge of collection equipment, various types of additives used, special precautions necessary and substances that can interfere in clinical analysis of blood constituents
7. Follow standard operating procedures to collect specimens via venipuncture and capillary (dermal) puncture
8. Demonstrate understanding of requisitioning, specimen transport, and specimen processing
9. Demonstrate understanding of quality assurance and quality control in phlebotomy
10. Communicate (verbally and nonverbally) effectively and appropriately in the workplace

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

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

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.

AA: Political Science Transfer Pathway
2021-2022

The Political Science Transfer Pathway AA offers students a powerful option: the opportunity to complete an AA degree with course credits that directlytransfer to designated Political Science bachelor's degree programs at Minnesota State universities. The curriculum has been specifically designed so that students completing this pathway degree and transferring to one of the seven Minnesota State universities enter with junior-year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree program in a related field.

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Political Science - 9 credits Required

Requirement 1:

Course No.	Course Title	Credits
POLS 1100	American Government and Politics	3

Requirement 2: Choose 1 of the following courses

Course No.	Course Title	Credits
POLS1600	Comparative Politics	3
POLS1700	World Politics	3

Requirement 3: Choose 1 of the following courses **(students may take POLS 1600 or POLS 1700 - which ever was NOT used to satisfy requirement 2)**

Course No.	Course Title	Credits
POLS 1140	State and Local Politics	3
POLS 1600	Comparative Politics	3
POLS1700	World Politics	3
POLS2130	Constitutional Law	3

MnTC Requirements:

Course No.	Course Title	Credits
It is strongly recommended to select courses that fulfill multiple Goal Areas		
ENGL 1200 or 1201	Gateway to College Writing or College Writing I	4
ENGL 1202	College Writing II	2
Communications course that fulfills Goal Area 1		3
Goal Area 3	Natural Science: Select 2 courses, 7 credits from 2 different disciplines, one must be a lab	7
Goal Area 4	Mathematical/Logical Reasoning – 1 course, at least 3 credits MATH 1130 is highly recommended	3
Goal Area 5	**History and the Social and Behavioral Sciences: 3 courses, 9 credits - Goal 5 is satisfied by completing the POLS required courses**	
Goal Area 6	The Humanities and Fine Arts - 3 courses, 9 credits, at least two different subjects	9
Goal Area 7	Human Diversity: (one course if not already met by a Content Area Course or MnTC Electives	3
Goal Area 8	Global Perspectives: 3 credits - Goal 8 is satisified by completing the POLS required courses	
Goal Area 9	Ethical and Civic Responsibility: 3 credits - Goal 9 is satisfied by completing thePOLS required courses	

Goal Area 10	People and the Environment:	3
Health Requirements: 5 credits (2 credits from Exercise Science and 3 credits from Health)		
Electives: 12 credits (course must be numbered 1000 or above, can be MnTC Goal Area Coursesand can be POLS course not used to satisfy the POLS required* courses.		
**Note that only the 9 credits earned through the 3 POLS required courses are guaranteed to be accepted as transfer to the major; it is up to the transferring university as to whether they will accept/apply additional POLS credits to their designated Political Science bachelor's degree program.*		

NHCC Residency and GPA

Course No.	Course Title	Credits
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

Career Opportunities:

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

Transfer Information:

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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 7634930555 or through the Minnesota Relay Service at 18006273529.

NHCC Accreditation:

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

Cert: Project Management Essentials

2021-2022

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 processand 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 programare delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

Program Courses

Course No.	Course Title	Credits
BUS2200	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
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 below1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information

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Program Outcomes

Intellectual and Practical Skills, including:

- Demonstrate business communication effectiveness in a global and technological businessenvironment.
- Demonstrate project management software applications.
- Participate as a team member and as a leader in projects utilizing project managementsoftware.
- Complete a project plan utilizing project management software applications and stageswhile thinking critically, independently and creatively.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ 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 ourtransfer resources web page to help you plan the process: Transfer Information

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of studywith 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

Developmental Courses

Some students may need preparatory course(s) in Math and/or English. Courses numbered below1000 will not apply toward a degree.

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AA: Psychology Transfer Pathway

2021-2022

Completing the Psychology Transfer Pathway AA, degree at NHCC fulfills the Minnesota Transfer Curriculum requirements, andthe American Psychological Association Learner Outcomes for the Undergraduate Major in Psychology at the foundational level. This transfer pathway specifically ensures that a student who successfully completes a Psychology Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in Psychology at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
1 course from PSYC1150, PSYC1160:		
PSYC1150	General Psychology ***or***	3
PSYC1160	Introduction to Psychology	4
PSYC1250	Life Span Developmental Psychology	4
PSYC2000	Statistics for the Behavioral Sciences	4

Program Electives

Course No.	Course Title	Credits
Psychology Electives - 3 courses:		
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	Psychological Disorders ***or***	3
PSYC2330	Personality Psychology ***or***	3
PSYC2340	Human Sexuality ***or***	3
PSYC2350	Multicultural Psychology	3

General Education Courses

Course No.	Course Title	Credits
ANTH1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3
MATH1130	Elementary Statistics	3
PHIL1020	Ethics	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
Communications - 1 course:		
COMM1010	Fundamentals of Public Speaking ***or***	3
COMM1110	Principles of Interpersonal Communication	3

MnTC Electives

Course No.	Course Title	Credits
Natural Science- 1 lab course, 4 credits		
History and the Social and Behavioral Sciences – 6 credits, at least one course from Goal 5 and 8		

The Humanities and Fine Arts- 6 credits
Additional MnTC Electives- 4 Credits

Health Requirement

Health or Exercise Science – 2 credits
Additional Electives, if necessary, to reach a total of 60 credits

NHCC Residency and GPA

Course No.	Course Title	Credits
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.

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

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Career Opportunities

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Transfer Information

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Accreditation

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Cert: Racial Justice and Social Transformation

2021-2022

The Certificate in Racial Justice and Social Transformation is designed to provide students with the knowledge to beadvocates for racial justice in various career paths and lead others to do the same.

Program Courses

Course No.	Course Title	Credits
GCST1700	Foundations of Racial Justice	3
GCST1320	Community Organizing I	3
Required Capstone Courses		
GCST2320	Leadership through Global, Cultural and Environmental Stewardship and Social Change	3
GCST1990	Interdisciplinary Studies Topics	1

Program Approved Courses (one course for 3 credits)

Course No.	Course Title	Credits
ANTH1010	Introduction to Anthropology: Cultural Anthropology	3
ARBC1030	Arab Cultures	3
ART1040	Introduction to Art	3
ASL1300	Deaf Culture	3
BUS1230	Leadership and Teamwork	3
BUS1100	Human Relations and Professional Skills	3
CHEM1000	Chemistry and Society	3
COMM1010	Public Speaking	3
COMM1110	Principles of Interpersonal Communication	3
COMM1310	Intercultural Communication ***or***	3
ECON1070	Microeconomics	3
EDUC1280	Multicultural Education	3
EEVS2000	Introduction to Environmental Science	3
GEOG1020	United States Geography	3
HIST1270	Race in America	3
HSER1200	Multicultural Awareness in Human Services	3
MATH1130	Elementary Statistics	3
MUSC1300	Music in World Cultures	3
PHIL1120	Ethics in Organizations	3
PHIL1220	Healthcare Ethics	3
POLS1100	American Government and Politics	3
POLS1140	State and Local Politics	3
SOC1720	Police and Community	3
SPAN1030	Spanish and Latin American Culture	3
TFT1320	World Cinema	3

Program Electives - (one course for 3-4 credits)

Course No.	Course Title	Credits
COMM1910	Argumentation and Public Advocacy	3
ENGL2330	Hmong American Literature	3
ENGL2350	Women and Literature	3
ENGL2360	Global Literary Perspectives	3
ENGL2370	African American Literature	3
ENGL2380	American Indian Literature	3
ENGL2390	Work in American Literature	3
GCST1301	Ethnic Studies	3
GCST/GWS1502	Human Trafficking	3
GCST/GWS1502	Women and War	3
GCST1040	American Indian and Culture – Indigenous Peoples of Minnesota	3
GCST1490	Dave Larsen American Indian Immersion Experience	4
GCST1964	African American Civil Rights Immersion Experience	4

GCST/ENGL2410	US Latinx and Latin American Literature	3
HLTH1050	Stress Management	3
PHIL1210	Global Justice, Peace, and Conflict	3
PSYC2350	Multicultural Psychology	3
SOC1130	Social Problems/Deviance	3
SOC2210	Social Inequality	3
POLS2130	Constitutional Law	3
TFT1200	Theatre in the Twin Cities	3
2.00 overall GPA for NHCC courses		

Total Credit Required 15-16

Degree Requirements

2.00 overall GPA for NHCC courses

Program Outcomes including Essential Learning Outcomes

1. Articulate personal views as they relate to being an effective leader for social transformation (ELO 3c)
2. Analyze data to identify inequities in social structures (health, transportation, education, environment, politics, criminal justice, economics, entertainment/media, etc…) (ELO 3c)
3. Apply intercultural knowledge and competency to interpret and respond critically to contemporary social issues (ELO 3b, 4a)
4. Compare and contrast socially just and transformative solutions that challenge systems of oppression (ELO 3c)
5. Demonstrate the ability to collaborate with others (ELO 3d)

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 notapply toward a degree.

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Career Opportunities

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Accreditation

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Transfer Information

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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

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Cert: Spanish Language

2021-2022

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 resumeand 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
SPAN1030	Spanish and Latin American Culture	3
SPAN2201	Intermediate Spanish I	5
SPAN2202	Intermediate Spanish II	5

Subtotal 13

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study witha 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 below1000 will not apply toward a degree.

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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 topresent, including knowledge of chronology and significance.
- Apply appropriate verbal, nonverbal, listening, writing and reading skills ineverydaysituations.
- Demonstrate the appropriate use of language structures for communicative purposes ineveryday 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 academicinstitution.

Career Opportunities

Information on careers, including salary and employment outlook data, is available on the iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

Accreditation

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Transfer Information

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Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study witha 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 below1000 will not apply toward a degree.

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AFA: Theatre Transfer Pathway

2021-2022

The Associate of Fine Arts Theatre Transfer Pathways includes rigorous studies in performance and production, along with hands-on experience in theatre methods and practices. These studies will allow students to gain a deep understanding and working knowledge of theatre fundamentals. It will also prepare students for direct transfer to an established bachelor's degree program in Theatre. The 40 credits Minnesota Transfer Curriculum (MnTC) is completed with the AFA degree to assist the transfer to the MN State University system via the Theatre Transfer Pathways Program.

This transfer pathway specifically ensures that a student who successfully completes a Theatre Transfer Pathway AA can transfer the entire completed degree into a designated parallel baccalaureate degree program in Theatre at any of the following universities:

- Metropolitan State University
- Minnesota State University Moorhead
- Bemidji State University
- Minnesota State University Mankato
- Southwest State University
- St. Cloud State University
- Winona State University

Program Courses

Course No.	Course Title	Credits
TFT1210	Introduction to Theatre	3
TFT1450	Stagecraft	3
TFT1500	Acting I	3
TFT1510	Stage Movement and Voice	3
TFT1600	Theatre Practicum: Performance	2
TFT1610	Theatre Practicum: Technical	1
TFT2150	Play Analysis	3
TFT2550	Acting II	3

Program Electives

Course No.	Course Title	Credits
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
EXSC1430	Tai Chi Chih ***or***	1
EXSC1750	Yoga ***or***	1
EXSC1830	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
COMM1110	Principles of Interpersonal Communication	3
ENGL1202	College Writing II	2
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
Natural Science (Goal Area 3) - 2 courses, 7 credits from different disciplines, one must be alab course		
Highly Recommended: (Goals 3 & 10) ANTH 1020, BIOL 1160, BIOL 1200, BIOL		
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits		
History and the Social and Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits		
Highly recommended: (Goals 5 & 8) ANTH 1010, ECON 1060, HIST 1010, HIST 1120,		
Global Perspective (Goal 8) - 1 course		
Highly recommended courses: (Goals 5 & 8) ANTH 1010, ECON 1060, HIST 1010,		
Ethical and Civic Responsibility (Goal Area 9) - 1 course		
Highly Recommended: (Goals 5 & 9) ECON 1050, HIST 2600, HIST 2700, POLS 1100,		
People and the Environment (Goal Area 10) - 1 course		
Highly recommended: (Goals 3 & 10) ANTH 1020, BIOL 1160, BIOL 1200, BIOL 1610,		
A minimum of 19 credits to fulfill Goal Areas 3, 4, 5, 8, 9, & 10:		

NHCC Residency and GPA

Course No.	Course Title	Credits
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 withexemplary authors and works

Intellectual and Practical Skills, including:

- Analyzing and effectively communicating stylistic elements of theatre pieces and significantauthors, including structural parameters, language, aesthetic factors, and interdisciplinary requirements
- Demonstrating technical proficiency and artistic synthesis in vocal, physical and emotionaldevelopment 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 societyPersonal and Social

Responsibility, including:

- The ability to work independently and collaboratively in a high-pressure creative environment
- understanding cultural differences in theatre practicesIntegrative

Learning, including:

- Participating in theatrical productions at varied levels including design, makeup, stagecraft, andproduction
- 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

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Degree Information

An Associate of Fine Arts (A.F.A.) degree is intended for students whose primary goal is to complete aprogram 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 TransferCurriculum (MnTC).

Developmental Coursework

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Career Opportunities

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Transfer Information

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Cert: Web Graphic Design and Programming and e-Commerce
2021-2022

The Web Graphic Design and Programming and e-Commerce certificate is a broad-based introduction to designing and scriptingsmall 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 studentswho 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 ComputerSystems and Management.

Program Courses

Course No.	Course Title	Credits
ART2901	Graphic Design Tools I	3
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
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
5 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credit Required 18

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

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Program Outcomes

Knowledge of Human Cultures and Physical and Natural World Including:

- Effectively use basic visual design principles. Effectively use basic scriptingpractices.
- Effectively use basic marketing and business concepts

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

Degree Information

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Cert: Wellness Coach

2021-2022

The Wellness Coach certificate aims to prepare students to be ready to employ health and wellness programs to individuals, including but not limited to weight loss, lifestyle coaching and behavior change, disease risk prevention, and athletic performance training.

The program is rooted in behavior-change science and the principles of lifestyle medicine and addresses all the core competencies of health and wellness coaching within a single learning experience. Students will learn practical and effective strategies that can be implemented to facilitate lifestyle change and positively impact health and well-being.

This program is for exercise professionals and even those in the clinical setting who want to learn and practice active listening, motivational interviewing, and client-centered goal-setting as powerful tools to help others take charge of their health and wellness, regardless of age, gender, and race.

Program Courses

Course No.	Course Title	Credits
EXSC1050	Weight Training	1
EXSC1750 OR 1850	Yoga OR Yoga Core	1
EXSC1900	Worldwide Fitness and Wellness Trends	1
EXSC2010	Essentials of Exercise Science	3
EXSC2100	Concepts of Training	3
EXSC2110	Advanced Fitness Assessment & Exercise Prescription	3
EXSC2270	Essentials of Sport & Exercise Nutrition	3
EXSC2490	Kinesiology	4
EXSC2600	Wellness Coaching and Behavior Change	2
EXSC2700	Wellness Coaching Theory and Practice	3
HLTH1000	Introduction to Mindfulness	2
HLTH1070	Nutrition	3

NHCC Residency and GPA

Course No.	Course Title	Credits
10 Credits must be earned at NHCC:		
2.00 overall GPA for NHCC courses		

Total Credits Required 29

Degree Requirements

2.00 overall GPA for NHCC courses

Gainful Employment Program Information

Wellness Coach

Career Opportunities

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Cert: Written Communications Technologies

2021-2022

This certificate is for students who want to learn fundamental Excel, PowerPoint and Access skills andadvanced Word processing skills. The class will integrate web based technologies for research, distribution, and communication. Courses can be applied to the Business Computer Systems and Management A.A.S. or A.S Degree. The courses from this program are delivered in the classroom and/or online.

Note: This certificate was previously Word Processing Certificate. CIS 1210 Desktop Publishing will satisfy the CIS 1310 The Whole Internet requirement if completed prior to August 27, 2018 for this certificate only.

Program Courses

Course No.	Course Title	Credits
CIS1101	Business Computer Systems I	3
CIS1200	Word Processing	3
CIS1310	The Whole Internet	3

NHCC Residency and GPA

Course No.	Course Title	Credits
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

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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
- Integrate the use of web based technology to create shared documents
- Demonstrate the use of the Internet for research, distribution and communication
- Evaluate credibility of websites
- 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 iseekand Bureau of Labor Statistics websites: https://careerwise.minnstate.edu/careers/ and www.bls.gov.

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	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
3	00000002	ACCT	1000	Small Business Accounting	4	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	00000004	ACCT	2111	Financial Accounting	4	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, liabilities, 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.
5	00000005	ACCT	2112	Managerial Accounting	4	Managerial accounting focuses on the three main activities performed by managers: planning, controlling, and decision-making. This course consists of preparing a variety of reports for internal use and analyzing them in the company's decision-making process. Prerequisite: ACCT 2111
6	00000009	ACCT	2230	Computerized Accounting with QuickBooks	3	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
7	00000532	ACCT	2250	Small Business Payroll	2	Students taking this course will prepare and analyze payroll transactions, federal/state payroll tax reports. Prerequisite: Acct 2111
8	00000533	ACCT	2260	Small Business Income Taxes	2	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
9	00001419	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.
10	00170433	ACCT	2300	Accounting Capstone	4	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)

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
11	00000016	ADEV	0951	College Reading and Learning Strategies I	4	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.
12	00000017	ADEV	0952	College Reading and Learning Strategies II	3	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.
13	00000025	ADEV	1950	Reading Texts Critically	3	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. This course lays the foundation for other courses which students will need to use critical thinking.
14	00001418	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.

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
15	00185087	ADEV	1051	Academic Learning Strategies	1	This course introduces students to the principles of learning and critical thinking required for academic success. The focus of the course will be the elements of learning related to emotional intelligence including anxiety, attitude, concentration, motivation, and metacognition. The course will provide techniques and strategies to improve self-regulation to include time management and procrastination. The students will be introduce to campus resources that designed to help students succeed.
16	00185155	ADEV	1052	Academic Learning Strategies II	1	This course provides an overview of efficient study habits and is intended for study who which to improve their academic study skills. It emphasizes study strategies that will assist students in making a smooth transition to college level study. Topics include: active listening and effective notetaking, test preparation and test taking strategies, memory and concentration skills, and creating effective study tools.
17	00202246	ALTH	1020	Phlebotomy Technology	4	In this course, you will learn about the role of the phlebotomist in healthcare and learn the skills necessary to obtain a job as phlebotomist. You will learn about the healthcare setting including basic medical terminology and human anatomy as it applies to the phlebotomist role. You will learn about and practice infection control and safety, healthcare ethics, blood collection procedures, special collection procedures, specimen processing, point-of-care testing, and quality assurance. This course will prepare you to perform the duties of a phlebotomist in a hospital and/or clinic setting.
18	00202270	ALTH	1025	Phlebotomy Practicum	2	In this course, you will apply the phlebotomy skills learned to the healthcare setting. You will be in a hospital or clinic setting and will perform the tasks of a phlebotomist including blood draws, special collections, and specimen processing as well as interact with patients and members of the healthcare team.
19	00000031	ANTH	1010	Introduction to Anthropology: Cultural Anthropology	3	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.
20	00000032	ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3	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.
21	00001427	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.

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
22	00145226	ANTH	1130	The Archaeology of Ancient Europe	3	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.
23	00159258	ANTH	1140	Anthropology of Religion	3	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 have played in our culture, and contributions they have made. Through presenting their two research projects to the class, students will exercise communication skills that involve great tact in discussing religious practices in a neutral and objective manner. We will practice those skills every class, in our seminar discussions of the reading. These discussions will get directly at the disparate explanatory systems offered by world religions, compare them, and critique the various views. In these ways, students will be using the method and data that anthropologists employ in the investigation of religion.
24	00001659	ARBC	1030	Arab Cultures	3	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.

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
25	00001660	ARBC	1101	Introduction to Arabic	4	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.
26	00001661	ARBC	1102	Beginning Arabic II	4	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
27	00002106	ARBC	1990	Topic:	3	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.
28	00002162	ARBC	2201	Intermediate Arabic I	4	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
29	00000035	ART	1040	Introduction to Art	3	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.
30	00000036	ART	1101	Photography I	3	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.
31	00000037	ART	1102	Photography II	3	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

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
32	00000039	ART	1160	Digital Photography	3	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.
33	00000040	ART	1301	Two Dimensional Design I	3	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.
34	00000041	ART	1302	Two Dimensional Design II	3	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
35	00000047	ART	1401	Drawing I	3	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.
36	00000048	ART	1402	Drawing II	3	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
37	00000052	ART	1750	Study Circle: Topic	1	
38	00000053	ART	2180	Art History: Pre-History to the Age of Cathedrals	3	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.
39	00000054	ART	2190	Art History: Renaissance to 21st Century Art	3	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.
40	00000055	ART	2300	Architectural History	2	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.

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
41	00000058	ART	2611	Painting I	3	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. Recommended: Art 1340.
42	00000059	ART	2612	Painting II	3	Using advanced painting techniques, this course emphasizes student's development of a personal style. Prerequisite: Art 2611
43	00000062	ART	2642	Watercolor II	3	No course description found 6/4/19 - MR
44	00000067	ART	2800	Painting Workshop	1	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.
45	00000068	ART	2820	Drawing Workshop	1	This workshop is an introduction to basic concepts in drawing and visual perception using traditional drawing materials and techniques.
46	00000070	ART	2860	Photography Workshop	1	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.
47	00000071	ART	2870	Video Workshop	1	No description found 6/4/19 - MR
48	00000073	ART	2970	Art Appreciation Field Trip	2	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.
49	00001333	ART	1990	Topic:	3	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.
50	00001454	ART	1310	Three Dimensional Design	3	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.
51	00001455	ART	1320	Introduction to Sculpture	3	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.
52	00001694	ART	2740	Jewelry Workshop	1	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.

	A	B	C	D	E	F
1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
53	00001732	ART	1340	Fundamentals of Color	3	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.
54	00001733	ART	2640	Watercolor	3	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.
55	00001894	ART	2781	Quiltmaking Workshop I	1	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.
56	00001895	ART	2782	Quiltmaking Workshop II	1	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.
57	00001924	ART	1770	Quilt Arts	3	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.
58	00001961	ART	2750	Ceramics Workshop	1	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.
59	00001962	ART	1361	Ceramics I	3	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.
60	00001963	ART	1362	Ceramics II	3	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
61	00002132	ART	1270	Digital Video Production	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
62	00002173	ART	2900	Studio Arts Capstone Practicum	1	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
63	00002257	ART	1170	Advanced Photography	3	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
64	00002282	ART	2810	Publication Design	2	This course introduces the history and techniques of publication design and production and advances the student¿s skills in on-paper publication layout and page design. Concepts in multi-page media formats such as magazines and books are studied through lectures, presentations and studio projects. Printing technology is explored from design to production, as well as budgeting and the economics of book production. Through experimentation and group discussions, students will learn to conceptualize visual ideas and refine their design concepts professionally and appropriately for these media formats to produce Under Construction, an actual book.
65	00002290	ART	2550	Typography	3	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. Students will demonstrate and incorporate the techniques and theories of typographic design in design projects, develop skill in typographic design and proficiency using computer graphics in design projects, critically and competently evaluate and analyze design projects that incorporate typographic elements, and creatively solve typographic design problems.
66	00002293	ART	2540	Illustration	3	This course introduces students to illustrating for major areas of the commercial illustration marketplace. 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 imagery for specific audiences.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
67	00162088	ART	1820	Studio Art Workshop	2	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.
68	00162117	ART	1810	Studio Art Workshop	1	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.
69	00170257	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.
70	00170431	ART	1704	Casting - Bench Jewlery	1	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.
71	00170432	ART	1705	Repair 1 - Bench Jewlery	1	This class covers the most common jewelry repairs. Students will learn ring sizing, chain repair, prong repair, and clasp repair.
72	00170482	ART	1701	Fabrication 1 - Bench Jewelry	1	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
73	00170483	ART	1702	Fabrication 2 - Bench Jewelry	1	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
74	00170484	ART	1703	Fabrication 3 - Bench Jewelry	1	Continuing and extending the skills attained in Fabrication II, this class builds on advanced fabrication techniques used in jewelry fabrication. Prerequisite: ART 1702
75	00170489	ART	1706	Repair 2 - Bench Jewelry	1	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
76	00170491	ART	1707	Settings 1 - Bench Jewelry	1	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
77	00170492	ART	1708	Settings 2 - Bench Jewelry	1	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
78	00170493	ART	1709	Polishing and Finishing - Bench Jewelry	1	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
79	00170494	ART	1710	Trade Practices - Bench Jewelry	1	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.
80	00171902	ART	1970	Graphic Design Internship Experience		This course facilitates an internship experience between a student, an engaged employer, and provides accountability for both to assess the status of an internship when it is happening. 50-150+ aggregate hours of dedicated, graphic design-specific work with an engaged employer to be completed within a reasonable time-line. Internships may begin and end during any month of the calendar year. Credits will correspond with the aggregate hours of work designated per internship: 50 hours of aggregate work = 1 credit, 100 hours of aggregate work = 2 credits, 150 or more hours of aggregate work = 3 credits. Participating employers must be substantial, preexisting organizations with an organizational purpose/need for graphic design work, and a work culture or mentorship potential that can offer appropriate duties to an intern. Each employer will by nature have differing specific circumstances.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
81	00187603	ART	1100	Creative Cloud Essentials	2	An introduction to creating art, designing for print and audience interactivity using Adobe Creative Cloud and/or relevant digital tools from other developers. Students will learn how to use Photoshop, Illustrator, InDesign, and either Dreamweaver or other interactive design software to produce creative graphic projects intended for consumption on paper or screens. Students will learn to use Photoshop to improve digital photos and create original artwork, Illustrator to create original vector-based artwork, and InDesign for page layout and preparation of artwork for personal or commercial printing. They will learn how to use software to engage an audience with interactivity on a screen about a topic of choice. This course is for: beginning artists, freelance artists, professional fine artists, graphic designers, writers, self-employed or small business owners, communication specialists, marketing specialists, and anyone with an interest in learning more about art, graphic design, and Adobe Creative Cloud. Basic computer skills are necessary for success in this class.
82	00188116	ART	2561	Web Design I	3	This course explores the foundations of interactive design for the (world-wide) web. Using industry-relevant tools, students will learn the fundamentals of designing and building a website. Students will be introduced to the concepts of user interface (UI) design, user experience (UX), and front-end development. Experience with digital photography and image editing (Photoshop) is suggested. Students will demonstrate and incorporate the techniques and theories of web design in design projects, build websites incorporating appropriate file formats, file sizes, functionality, site plan and organizational concepts, develop skill in web design and proficiency using the tools of web design software in design projects, critically and competently evaluate and analyze web projects, creatively solve web design problems and work on a web portfolio.
83	00188138	ART	2562	Web Design II	3	This is the second of two courses focusing on graphic design for the internet (world-wide web) and/or interactivity. This course explores advanced concepts from a graphic designer's 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) topics, user experience (UX) topics, web animation techniques, integration of video and sound, and the use of type design in web applications. Students will explore prototyping a web site and working with a developer/programmer. Understand and incorporate the techniques and theories of graphic design, web design and animation projects. Critically and competently evaluate and analyze advanced web design projects. Creatively solve web design problems. Develop skill in project design and computer graphic proficiency using current web technologies.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
84	00188196	ART	2601	Advanced Graphic Design I	3	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. Students will be taught to understand the techniques and theories of graphic design for design projects, make appropriate creative choices in design and execution of graphic design projects using the design principles presented in this course, demonstrate facility with and appropriate use of graphic design software packages used in this course, evaluate and analyze design projects from the several perspectives including design principles, audience, intent, appropriateness of media choice for the project, and skill of execution using media, generate manageable and appropriate graphic design project solutions from among a large set of possible variables and strategies, and exercise self-motivation and creative problem-solving in addressing design challenges, time constraints, and media limitations of graphic design project management. Prerequisites: Art 1301, Art 1340 and Art 2901.
85	00188197	ART	2602	Advanced Graphic Design II	3	This is an advanced studio course in graphic design. The content and scope of the projects will help students to understand the nature of the graphic design industry 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. Students will demonstrate and incorporate the techniques and theories of visual design, visual language and graphic design principles in design projects, critically and competently evaluate and analyze design projects, use computer software and hardware effectively to design and develop design projects.
86	00188198	ART	2902	Graphic Design Tools II	3	This course is a continuation of Graphic Design Tools I. Advanced skills in Adobe Photoshop® (color photo manipulation), Adobe Illustrator® (drawing and design) and Adobe InDesign® (page design and layout) are introduced, as well as concepts of design and production workflow.
87	00188215	ART	2901	Graphic Design Tools I	3	This course introduces students to the use and function of industry-standard graphic design software applications Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will learn to effectively use the essential techniques, tools, and principles of each application by emulating a professional approach to design projects. Students will apply problem solving techniques to design projects that simulate real-world design challenges faced in today¿s graphic design industry.
88	00199236	ART	1550	Video Game Entertainment	3	This course will examine the development of the video game industry and research on social effects of video game play. Issues discussed include video game violence, effects of gender and cultural representation, visual messages in gaming, pro-social relationships, and emerging technologies in gaming.
89	00205059	ART	1010	Art Museum Tour: European Art	1	This course consists of tours to various cultural centers to experience a variety of art exhibits, lectures,demonstrations and facilities. The content of this course centers on historical and contemporary European Art. Students will need to provide their own transportation to Twin Cities area museums or galleries.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
90	00205096	ART	1020	Art Museum Tour: World Art	1	This course consists of tours to various cultural centers to experience a variety of art exhibits, lectures, demonstrations and facilities. The content of this course centers on historical and contemporary African, Asian, and Indigenous Art. Students will need to provide their own transportation to Twin Cities area museums or galleries.
91	00205098	ART	1050	Foundation of Digital Imaging	3	Introduction to the technical and aesthetic practices of computer-generated Art as a creative fine arts tool. Student projects explore creative and technical aspects of digital imaging, symbolism and visual content incorporating computer software programs including, but not limited to, Photoshop and Lightroom. Topics included are digital image manipulation, scanning, image composition and inkjet printing. Development of critique and related vocabulary.
92	00205107	ART	1601	Art History I: Ancient to Medieval	3	This course examines painting, sculpture and architecture of cultures from prehistory to the end of the 14th Century. Students will explore the history of the world through visual art and material culture with a global perspective.
93	00205126	ART	1602	Art History II: 15th Century to Contemporary	3	This course examines painting, sculpture and architecture of cultures from the 15th Century to Contemporary. Students will explore the history of the world through visual art and material culture with a global perspective.
94	00205127	ART	1650	Architectural History	2	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.
95	00000074	ASL	1101	American Sign Language I	4	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.
96	00000075	ASL	1102	American Sign Language II	4	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
97	00000076	ASL	2201	Intermediate American Sign Language I	4	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
98	00000077	ASL	2202	Intermediate American Sign Language II	4	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
99	00001762	ASL	1300	Deaf Culture	3	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.
100	00001832	ASL	1400	Fingerspelling and Numbers	3	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.
101	00149708	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.
102	00212345	ASL	1320	Black Deaf Culture and History	3	This online course provides students with an understanding of the Black History & Culture of Black Deaf people. Students will learn about Black Deaf & Hard of Hearing people in the Black Deaf Community in all areas of the United States and how the culture has progressed since in 1800¿s.
103	00000078	BIOL	1000	Life Science	4	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. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension (3 hours lecture, 3 hours lab).
104	00000079	BIOL	1001	Biology I	4	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. (3 hours lecture, 3 hours lab). Prerequisite: ADEV 0952 or a 78 on the Accuplacer Reading Comprehension.
105	00000081	BIOL	1040	Rocky Mountain Field Biology	4	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.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
106	00000084	BIOL	1120	Human Biology	3	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. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
107	00000086	BIOL	1200	Current Environmental Issues	4	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) Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
108	00000087	BIOL	1350	Biology of Women	3	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. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
109	00000088	BIOL	1600	Biology of Nature Series	1	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.
110	00000089	BIOL	1650	Human Biology Series	1	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. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
111	00000090	BIOL	2020	Animal Biology	4	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.
112	00000091	BIOL	2030	Plant Biology	4	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.
113	00000092	BIOL	2100	Microbiology	4	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
114	00000093	BIOL	2111	Human Anatomy and Physiology I	4	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
115	00000094	BIOL	2112	Human Anatomy and Physiology II	4	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
116	00000530	BIOL	1610	Field Ecology	1	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.
117	00000566	BIOL	1030	Boundary Waters Canoe Area Field Biology	4	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.
118	00000957	BIOL	1230	Medical Terminology I - Basics	1	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.
119	00000958	BIOL	1231	Medical Terminology II - Application	1	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
120	00001025	BIOL	1160	Global Environment Field Biology	4	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.
121	00001334	BIOL	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.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
122	00001631	BIOL	1360	Biology of Women with a Lab	4	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. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
123	00001664	BIOL	1300	Careers in Biology	1	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
124	00002314	BIOL	1130	Human Biology with a Lab	4	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) Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
125	00148675	BIOL	1101	Principles of Biology I	4	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:ENGL 0990 or a 78 on the Accuplacer Reading Comprehension AND CHEM 1061 or Concurrent Registration with CHEM 1061
126	00149825	BIOL	1102	Principles of Biology II	4	Principles of Biology II is a continuation of Principles of Biology I, and covers fundamental concepts of biology at the organismal level and above. Evolution, principles of ecology, and a survey of biodiversity are the major foci of this course. Students apply these concepts in rigorous laboratory exercises. This course, coupled with Biology I, prepares students for further, advanced studies in the biological sciences. Completion of both courses is a prerequisite for many upper-division biology courses. Audience: Biological and physical science majors or those planning to enter a professional program.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
127	00172244	BIOL	1140	Introduction to Human Genetics and Origins	4	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) Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension
128	00177838	BIOL	2360	Genetics	4	We will examine the organization, storage, maintenance, transfer, and expression of genetic information. Molecular data and Mendelian principles will be applied to understand genetics at the molecular, cellular, organismal, and population levels. Skills of professional biologists will be practiced, such as reading primary literature, designing/carrying out experiments, and evaluating qualitative and quantitative data. Prerequisite: BIOL 1101 or BIOL 1001, and BIOL 1102, and MATH 1150, with a C or better in each. Co-enrollment in BIOL 1102 can be considered with instructor permission. 3 hours lecture, 3 hours lab
129	00179196	BIOL	2610	General Ecology	4	We will examine the interrelationships of organisms and their environments, emphasizing the historic development of fundamental principles at the levels of individuals, population, community, and ecosystem through examination of theoretical and empirical findings. Skills of professional biologists will be practiced, such as reading primary literature, designing/carrying out experiments, and evaluating qualitative and quantitative data. Prerequisite: Prerequisite: BIOL 1102, and placement above MATH 1150 or successful completion of MATH 1150 or higher, with a C or better.
130	00000098	BIT	1100	Field Inspection	2	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.
131	00000100	BIT	1300	Plan Review Non-Structural	2	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
132	00000101	BIT	1310	Plan Review Structural	2	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.
133	00000103	BIT	1410	Mechanical Inspection	4	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.
134	00000104	BIT	1420	Electrical Inspection	2	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.
135	00000106	BIT	1600	Energy Conservation in Building Construction	2	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.
136	00000107	BIT	1700	Plumbing Code	3	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.
137	00000108	BIT	1800	Housing Field Inspection Fundamentals	2	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
138	00000109	BIT	1810	Multi Housing	2	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.
139	00000110	BIT	2000	Public Administration for the Code Official	3	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.
140	00000112	BIT	2300	Advanced Plan Review Structural	2	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
141	00000113	BIT	2400	Land Use Zoning	2	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.
142	00000114	BIT	2500	Fire Suppression Systems	2	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.
143	00000115	BIT	2600	Building Inspection Internship	2	Supervised work experience in a municipal building inspection department provides a variety of experiences for people new to the field. Prerequisite: Consent of instructor
144	00001266	BIT	2020	Legal Aspects of Building Inspection	2	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
145	00001267	BIT	1305	Advanced Plan Review: Non-Structural	2	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.
146	00001268	BIT	1210	Advanced Field Inspection	2	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.
147	00001504	BIT	1805	Advanced Housing Field Inspection	2	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.
148	00001542	BIT	2650	Administering the MN State Building Code	2	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
149	00147395	BIT	1050	Foundations of Construction Codes and Inspections	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
150	00147397	BIT	1150	Residential Plan Review and Field Inspections	4	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
151	00147398	BIT	1250	Commercial Plan Review and Field Inspections	4	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
152	00147399	BIT	1900	Legal and Administrative Aspects of Construction Codes	3	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
153	00000122	BUS	1210	Managerial Communication	3	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.
154	00000123	BUS	1220	Effective Supervision	3	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
155	00000124	BUS	1230	Leadership and Teamwork	3	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.
156	00000125	BUS	1300	Legal Environment of Business	3	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.
157	00000126	BUS	1310	Business Law	3	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.
158	00000127	BUS	1400	Business Mathematics	3	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.
159	00000128	BUS	1410	Introduction to Business Finance	3	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.
160	00000129	BUS	1420	Principles of Credit	2	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.
161	00000130	BUS	1430	Financial Statement Analysis	2	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
162	00000131	BUS	1440	Personal Financial Planning	3	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.
163	00000132	BUS	1450	Investments	3	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.
164	00000135	BUS	1610	Consumer Behavior	4	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.
165	00000136	BUS	1620	Advertising and Sales Promotion	3	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
166	00000137	BUS	1630	Professional Sales and Management	4	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
167	00000138	BUS	1640	Retail Management	4	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
168	00000141	BUS	1700	Introduction to International Business	3	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.
169	00000143	BUS	2000	Creative Field Project	2	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.
170	00000144	BUS	2010	Internship Business	3	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.
171	00000962	BUS	1510	Operations Management	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
172	00001067	BUS	2310	Introduction to E-Commerce	3	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.
173	00001453	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.
174	00002155	BUS	1810	Entrepreneurship	4	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 1200/2200: Principles of Management, BUS 1600/2600: Principles of Marketing and ACCT 2111: Financial Accounting are recommended to be taken before taking Entrepreneurship.
175	00170515	BUS	1110	Human Relations & Professional Skills	3	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.
176	00175059	BUS	1100	Introduction to Business	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
177	00181023	BUS	2600	Principles of Marketing	3	This course provides a market-oriented perspective to business decision-making. Students will learn how marketers provide value in satisfying customer needs and wants, determine which target markets the organization can best serve, and decide upon appropriate products, services, and programs to serve these markets. Topics include branding and product development, pricing strategies, marketing research, promotion, supply chain management, and service marketing. Current trends and developments in marketing practices are analyzed and strategic marketing ideas are implemented within an ethical framework. Courses Recommended: BUS 1100 Introduction to Business and CIS 1101 Business Computer Systems I
178	00181036	BUS	2200	Principles of Management	3	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.
179	00181058	BUS	2100	Business Statistics	4	This course is designed primarily for the business major. This course will introduce you to business statistics, or the application of statistics in the workplace. In this course, you will learn how to apply statistical tools to analyze data, draw conclusions, and make predictions of the future. The course will begin with data distributions, followed by probability analysis, sampling, and finally hypothesis testing. This course is mathematically intensive, and much of what you learn here will deal with things you encounter every day. This course also makes use of spreadsheets, an important tool for working with and making sense of numerical data.
180	00212540	BUS	2620	Fundamentals of Promotion	3	This course is a study of the principles and practices of promotion for a 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. Students will complete the course with a comprehensive knowledge of and experience with how to develop an integrated promotional strategy.
181	00212541	BUS	2630	Fundamentals of Sales and Service	2.75	This course introduces the principles and practices of professional selling. Topics will include the steps of the sale, identifying buying motives and customer needs, customer service principles, sales strategies, ethics in selling, and cultivating repeat business through service. Problem solving techniques, monitoring of sales performance, and sales simulations are examined.
182	00212558	BUS	2610	Consumer Behavior	3	This course is an introduction to the world of consumer behavior. Consumer behavior borrows from several social sciences to explain behavior in the marketplace. In this course, students will explore how perceptions, learning, memory, personality, and attitudes influence consumption behavior, how consumption shifts during one¿s life cycle, and how strong cultural and subcultural influences are on consumers.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
183	00212559	BUS	2640	Fundamentals of Digital Marketing	3	This course will focus on the introduction and insights to a breadth of core and emerging digital channels and disciplines, including search engine optimization, website analytics, search and display ads, email marketing, social media, and social listening/monitoring. Designed to get students to think like a digital marketing professional, Fundamentals of Digital Marketing will help students establish habits for keeping up to date on emerging digital technologies relevant to business and to marketing, tie the use of digital marketing activities to business objectives, and identify and design data sources that allow students to track performance for digital marketing activities. Students will complete the course with a comprehensive knowledge of and experience with how to develop an integrated digital marketing strategy.
184	00212560	BUS	2650	Marketing Capstone	2	This course serves as the capstone for the Marketing Specialist Associates of Applied Science Degree. Students will integrate the concepts, techniques, and knowledge within marketing into a strategic marketing plan for an existing company. The strategic plan will be submitted and presented at the end of the course.
185	00000146	CHEM	1010	Introduction to Chemistry	4	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. Additionally, this course will explore the role that chemistry plays in our personal and professional lives. This course enables students to think critically about current environmental issues in science. The lab portion contains experiments that includes observation, data collection and analysis, 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 or courses in various health programs. Prerequisite: Math 0900 or Math 0980 with a grade of 'C' or better.
186	00000148	CHEM	1061	Principles of Chemistry I	4	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. (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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
187	00000149	CHEM	1062	Principles of Chemistry II	4	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, electrochemistry, and an introduction to nuclear chemistry. CHEM 1061 is required for this course. (3 hours lecture, 3 hours lab)
188	00000150	CHEM	2061	Organic Chemistry I	5	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
189	00000151	CHEM	2062	Organic Chemistry II	5	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
190	00000963	CHEM	2073	Introduction to Instrumental Methods and Analysis	4	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
191	00001395	CHEM	1000	Chemistry and Society	4	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)
192	00001412	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
193	00001706	CHEM	1030	Introduction to Physical Sciences	4	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.
194	00000153	CIS	1000	Computer and Keyboarding Essentials	3	This is an introductory course to introduce students to the use of basic computer skills and to develop mastery of the computer keyboard. This course covers introductory information about computer hardware and software, working with drives, folders and files, and the use of the microcomputer as a productivity tool. 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. Please contact your instructor for the version of software that will be used. NOTE: No Credit will be given if you have previously completed CIS 1000 (Electronic Keyboarding).
195	00000154	CIS	1101	Business Computer Systems I	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
196	00000155	CIS	1102	Business Computer Systems II	3	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.
197	00000156	CIS	1200	Word Processing	3	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.
198	00000157	CIS	1210	Desktop Publishing	3	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
199	00000158	CIS	1220	Decision Making Excel	3	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.
200	00000159	CIS	1230	Business Presentations: PowerPoint	3	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.
201	00000160	CIS	1300	Introduction to Internet	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
202	00000161	CIS	1310	The Whole Internet	3	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.
203	00000162	CIS	1400	Windows/Operating Systems	3	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.
204	00000163	CIS	1510	Introduction to Computers and Basic Word Processing	1	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.
205	00000164	CIS	1520	Spreadsheets	1	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. Check with your instructor for the software edition that will be used.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
206	00000165	CIS	1530	Business Graphics	1	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.
207	00000565	CIS	2310	Introduction to E-Commerce	3	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
208	00000567	CIS	1240	Information Management: Access	3	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.
209	00001340	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.
210	00002002	CIS	1500	Developing Computer Keyboarding Skills	1	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.
211	00002006	CIS	1250	Photoshop Essentials for Business	3	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
212	00002154	CIS	1320	Web Tools	2	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.
213	00162098	CIS	1260	Business Communications and Technology	3	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.
214	00162112	CIS	1700	Project Management Software Tools	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
215	00162113	CIS	2010	CIS Internship	3	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.
216	00000171	CMSV	2860	Building Construction Plan Reading	2	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.
217	00000172	CMSV	2870	Construction Management	3	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.
218	00000173	CMSV	2880	Construction Estimating	4	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.
219	00000174	CMSV	2890	Building Organization and Technology	3	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.
220	00002147	CMSV	2895	Construction Management Internship	3	Provides the student an opportunity to observe and participate in all aspects of construction management that are typically encountered in the construction workplace.
221	00147392	CMSV	2875	Mechanical and Electrical Systems	4	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.
222	00147393	CMSV	2885	Construction Estimating	4	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
223	00147478	CMSV	2100	Soils and Concrete Technology	3	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.
224	00149759	CMSV	2900	Construction Scheduling	3	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.
225	00157771	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.
226	00159301	CMSV	1200	Construction Graphics	3	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.
227	00170239	CMSV	1000	Construction Professionalism Seminar	4	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.
228	00170240	CMSV	1300	Legal Aspects of Construction	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
229	00170241	CMSV	2200	Construction Quality Assurance and Quality Control	4	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
230	00183461	CMSV	1500	Construction Technology I	5	This course is an introduction to the technical mastery of the constructing of buildings and structure. Course learning objectives will be covered in the context of a specific construction craft.
231	00183462	CMSV	1550	Construction Technology Field Experience	4	This course is an introduction to the application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft and will be completed during the construction of an actual industry project. It is strongly recommended that the following course(s) be taken prior to or concurrent with this course: CMSV1500 Construction Technology
232	00183463	CMSV	1600	Construction Technology II	5	This course is an intermediate review and application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft. It is strongly recommended that the following course(s) be taken prior to or concurrent with this course: CMSV1550 Construction Technology Field Experience I
233	00183465	CMSV	1650	Construction Technology Field Experience II	4	This course is an intermediate introduction to the application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft and will be completed during the construction of an actual industry project. It is strongly recommended that the following course(s) be taken prior to or concurrent with this course: CMSV1600 Construction Technology II
234	00183467	CMSV	1700	Construction Technology III	5	This course is an advanced review and application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft. It is strongly recommended that the following course(s) be taken prior to or concurrent with this course: CMSV1650 Construction Technology Field Experience II

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
235	00183476	CMSV	1750	Construction Technology Field Experience III	4	This course is an intermediate introduction to the application of techniques necessary to construct buildings and structure. Course learning objectives will be covered in the context of a specific construction craft and will be completed during the construction of an actual industry project. It is strongly recommended that the following course(s) be taken prior to or concurrent with this course: CMSV1700 Construction Technology
236	00148369	COMM	1010	Fundamentals of Public Speaking	3	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.
237	00148370	COMM	1110	Principles of Interpersonal Communication	3	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).
238	00148371	COMM	1210	Small Group Communication	3	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.
239	00148374	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.
240	00148376	COMM	1710	Oral Interpretation and Traditions	3	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, co-cultures, and ethnicities. Students will also make connections between the cultural implications of oral tradition and performance.
241	00148377	COMM	1510	Nonverbal Communication	3	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.
242	00148502	COMM	1310	Intercultural Communication	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
243	00148503	COMM	1410	Human Communication Theory	3	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.
244	00148505	COMM	1610	Introduction to Mass Communication	3	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.
245	00174939	COMM	1810	Introduction to Health Communication	3	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.
246	00174948	COMM	1910	Argumentation and Public Advocacy	3	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
247	00199166	COMM	1550	Video Game Entertainment	3	This course will examine the development of the video game industry and research on social effects of video game play. Issues discussed include video game violence, effects of gender and cultural representation, visual messages in gaming, pro-social relationships, and emerging technologies in gaming.
248	00209170	COMM	2610	Introduction to Public Relations and Strategic Communication	3	This course examines the principles, evolution, practice, and ethics of strategic communication and public relations. Student will learn to analyze and critique different public relations and strategic communication campaigns across different contexts, cultures, and communities. Students will engage in the campaign creation process through research, message and narrative creation, and evaluation of strategic communication.
249	00209196	COMM	2900	Communications Capstone	1	The communication capstone course is intended for students who want to engage in a professional application of communication skills gained from their prior coursework. This could range from social media internships, public speaking events, communication campaign work, or other projects within the scope of communication studies. Students must take on COMM course and have instructor permission.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
250	00160745	CRD	1000	Career Exploration and Planning	3	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.
251	00160767	CRD	1010	Job Searching Strategies	1	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.
252	00000175	CSCI	1000	Computer Basics	3	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.
253	00000177	CSCI	1020	Beginning Web Page Programming	1	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
254	00000178	CSCI	1030	Programming for Internet	3	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
255	00000181	CSCI	1120	Programming in C/C++	4	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
256	00000186	CSCI	2010	Discrete Mathematical Structures	4	The course covers mathematical topics essential for work in computer science. Topics include: number bases, mathematical induction, sets, relations, functions, congruence, recursion, combinations and permutations, probability, graphs, trees, logic, Boolean algebra, and proof techniques. Computing related problems and examples are integrated throughout the course. Prerequisites: MATH 1150 College Algebra (Minimum grade: 1.67 GPA Equivalent) Or A score of 79 or higher on the College Level Math (0167) placement test Or An ACT math score of 26 or higher. Recommended: Any CSCI course numbered 1030 or above (Minimum grade: 1.67 GPA Equivalent)
257	00000869	CSCI	2030	Database Modeling and Design	4	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 PLEASE NOTE: Students enrolled in CSCI 1040 can register for CSCI 2030 in anticipation of successful completion of CSCI 1040. Please contact Registration.
258	00000965	CSCI	2050	Internship Computer Science	3	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
259	00001264	CSCI	1150	Programming in C# for .NET	4	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
260	00001753	CSCI	1990	Topics:		The course introduces fundamental concepts of computer programming using a block programming language and a graphical development environment. A number of mathematical concepts used in office, game, mobile and scientific programming are introduced and illustrated with computer graphics. The students will advance their computational thinking abilities, as they develop algorithms and arrange data for solving problems.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
261	00002190	CSCI	1180	Introduction to Linux Operating System	4	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.
262	00002283	CSCI	1035	Introduction to Computer Programming with Games	4	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.
263	00002287	CSCI	1050	Computer Security Basics	3	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.
264	00148516	CSCI	2400	Objective-C for Mobile Programming	4	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
265	00148520	CSCI	2500	Introduction to Mobile Programming in iOS	4	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
266	00158022	CSCI	2100	Introduction to Android Application Development	4	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
267	00167430	CSCI	1025	Responsive Web Design	1	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
268	00167455	CSCI	2011	Programming in Python	1	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
269	00172653	CSCI	1040	Fundamentals of Structured Query Language (SQL)	3	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.
270	00172654	CSCI	2060	Web Programming in ASP.NET	4	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
271	00186154	CSCI	1130	Introduction to Programming in Java (CS0)	4	This course provides an introduction to the Java programming language and its foundational topics. In this course students will explore fundamental programming and computing concepts with a focus on problem solving, algorithm development and implementation. Topics included are: data types and memory concepts, arithmetic operators and mathematical expressions, conditional statements, repetition, arrays, methods and the basics of object-orientation.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
272	00186174	CSCI	2002	Data Structures and Algorithms (CS2)	4	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. This is an object-oriented programming course.
273	00186185	CSCI	2001	Object Oriented Programming (CS1)	4	Students will learn object-oriented programming while creating algorithms. 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. Procedures, recursion, and iteration will be presented in the development of algorithms. Inheritance and polymorphism are studied. The use of abstraction will be emphasized throughout the course.
274	00186215	CSCI	2020	Computer Architecture	4	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.
275	00195976	DSCI	2001	Data Science I	4	This course introduces students to the rapidly growing field of Data Science. Students will learn the concepts and tools used to analyze data sets and make informed business and/or research decisions. Students will use various software, including databases, to gather, organize and visualize data for analysis.
276	00195977	DSCI	2002	Data Science II	4	Provide students further exposure to the growing field of Data Science. Building upon the topics in Data Science I, students will learn about machine learning techniques, ways to deal with networked systems and extremely large data sets, and methods for improving the performance of computerized statistical models.
277	00205016	DSCI	2009	Interdisciplinary Applications in Data Science	2	This course provides a flexible in-depth review of interdisciplinary applications in Data Science. The curriculum has students independently explore and apply methods of Data Science in a real-world context related to their career interests.
278	00181521	EAP	0880	Listening and Speaking Skill Development	4	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
279	00181522	EAP	1280	Listening and Speaking for College Success	4	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 EAP 0830, 0860, 0880, 0980.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
280	00181523	EAP	0960	Academic Writing Skills Development	4	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 EAP 0860.
281	00181524	EAP	1260	College Writing Skills Development	4	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 EAP 0900, 0930, 0960 and 0980
282	00181525	EAP	0860	English Language Skills Development	5	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
283	00181526	EAP	0980	Academic Listening and Speaking	4	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 EAP 0880
284	00181527	EAP	1080	English Pronunciation	2	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. Prerequisite: Placement Test Scores
285	00181543	EAP	0830	Reading Skills Development	4	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.

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1	North Hennepin Community College Courses 2021-2022					
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286	00181545	EAP	0930	Academic Reading and Study Skills	4	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 EAP 0830 Students who place into EAP 0930 are required to enroll in this course during their first term at NHCC.
287	00181546	EAP	1230	College Reading and Studying Skills	4	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. Placement test scores or grade of C or better in EAP 0860, EAP 0880 and EAP 0930
288	00181547	EAP	0900	College Vocabulary Development	2	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 EAP 0830 and EAP 0860.
289	00181548	EAP	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.
290	00181549	EAP	1060	Advanced Grammar	2	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: Placement test scores in EAP 930, 960 and 980 or grade of ¿C¿ or better in EAP 830, 860 and 880.
291	00000189	ECON	1060	Macroeconomics	3	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.
292	00000190	ECON	1070	Microeconomics	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
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293	00001428	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.
294	00001690	ECON	1050	Economics of Crime	3	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.
295	00001330	EDUC	1210	Introduction to Education	3	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.
296	00001394	EDUC	1350	Foundations in Teaching Literacy	3	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. Formerly Titled: Language and Learning
297	00208538	EDUC	1300	Technology in Education	3	This course is a hands-on instructional technology course designed for future teachers. Learn how to produce quality videos, podcasts, webinars, and other multimedia presentations. Use Google classroom, Zoom, and other virtual classroom apps for instruction. Expand your knowledge about digital accessibility for the American Disabilities Act (ADA) compliance.
298	00208563	EDUC	1400	Introduction to Special Education	3	Students will be introduced to the field of special education. This course addresses specialized instruction designed to meet the needs of exceptional students. Course content will include an overview of legal mandates, varied evidence-based instructional practices including writing individualized education plans (IEP), collaborative approaches used by child study teams, and cultural implications to consider in the field of special education. Ten hours of field experience are required.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
299	00208638	EDUC	1280	Multicultural Education	3	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, and gender diverse classrooms and schools. Students will engage in activities and actions that develop teacher identity and criticality. They will demonstrate instructional approaches that build community and inspire and engage diverse learners. 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.
300	00211604	EDUC	1200	Introduction to Education	4	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 reflection. The major course topics will guide students in exploring the influences of history and society on teaching and learning. Students will also learn a variety of creative instructional student engagement strategies. 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 during the current semester and outside of class meeting time.
301	00184471	EEVS	1130	Rocky Mountain Field Study	4	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.
302	00184523	EEVS	1100	Physical Geology	4	A course examining the earth¿s formation, composition, structure and natural systems. Learners will practice making observations, forming scientific questions and posing hypotheses as they explore 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, climate change and environmental concerns. Course is open to all students. (3 hours lecture, 3 hours lab) 4 Credits.
303	00184524	EEVS	1140	Historical Geology	4	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. By using the process of science to examine how the Earth and life have changed through the geologic past we can begin to get a glimpse into the effect which humans may have on it now and in the future. Topics include: principles of geology, sedimentary rocks, fossil identification and classification, plate tectonics, sea level change, geologic time, topographic and geologic maps, evolution of life, climate change, hominid development and mass extinctions.
304	00184525	EEVS	1150	Boundary Waters Field Geology	4	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
305	00184526	EEVS	1160	Global Environmental Field Geology	4	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.
306	00184527	EEVS	1170	Minnesota Field Geological Series: Glacial Geology	2	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, climate change and destruction of continental ice sheets, sedimentary processes, recognition of erosional and depositional glacial landforms, 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.
307	00184529	EEVS	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2	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.
308	00184530	EEVS	1190	Minnesota Field Geology Series: Minnesota Rivers	2	Come explore the geologic history of Minnesota's rivers. We will examine the development of the Mississippi, Minnesota, Red, and St. Croix, and Whitewater 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. Four-day field trip around Minnesota is mandatory.
309	00184531	EEVS	1201	Oceanography Lab	1	This course is designed to complement GEOL 1200, Oceanography. The 3 hour lab sessions will include group and individual projects that supplement concepts and topics from oceanography lecture. Learners will collect their own data and use oceanographic data from ocean science databases. 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 niño and biogeochemical cycling.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
310	00184532	EEVS	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	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.
311	00184533	EEVS	2000	Introduction to Environmental Science	3	This course focuses on the interdisciplinary nature of environmental science by including the biological, geological, and physical-chemical of the discipline. It provides a case-study based examination of the intersection of science, policy, economics, society, culture and diversity as they relate to today's environmental problems. Students will use the process of science to understand global environments and the human impacts on them by the application of primary literature, graphical skills and lab-like data analyses.
312	00184535	EEVS	1200	Oceanography	3	This course is an interdisciplinary survey of the biological, chemical, physical and geologic processes at work in the world¿s oceans. Learners will practice making observations, forming scientific questions and posing hypotheses as they explore the interplay between these processes and the implications of these interactions for life on Earth, the Earth¿s climate and marine environments. Topics may include waves, tides, seafloor sediments, marine biology, seawater chemistry, plate tectonics, ocean currents, El niño, productivity and dead zones, sea level change, coastal processes and effects of man¿s influence on oceans.
313	00184536	EEVS	1990	Earth and Environmental Science: 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.
314	00000204	ENGL	1940	Technical Writing	3	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 (Minnesota Transfer Curriculum) credits required in the A.A. (Associate of Arts).
315	00000205	ENGL	1960	Writing Workshop	1	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.
316	00000206	ENGL	2270	Modern American Literature	3	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.
317	00000208	ENGL	2350	Women and Literature	3	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.
318	00000209	ENGL	2360	Global Literary Perspectives	3	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.
319	00000210	ENGL	2370	African American Literature	3	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.

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320	00000211	ENGL	2380	American Indian Literature	3	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.
321	00000212	ENGL	2450	Survey of American Literature I	3	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.
322	00000213	ENGL	2460	Survey of American Literature II	3	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.
323	00000214	ENGL	2550	Survey of British Literature I	3	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.
324	00000215	ENGL	2560	Survey of British Literature II	3	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.
325	00000216	ENGL	2580	Shakespeare's Plays	3	This course studies some of the major plays of William Shakespeare (which may include histories, comedies, tragedies, and romances), analyzing the plays from the standpoint of literary interpretation, focusing on poetic style and literary techniques.
326	00000218	ENGL	2900	Fantasy Literature	3	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.
327	00000220	ENGL	2950	Mystery and Detective Fiction	3	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.
328	00001331	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.
329	00001544	ENGL	0900	Preparation for College Writing I	3	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

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330	00001545	ENGL	0950	Preparation for College Writing II	4	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
331	00001800	ENGL	2340	Nature in Literature	3	This course surveys literature that examines the relation between human beings and the natural world. The primary consideration of this course is 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 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.
332	00001948	ENGL	1201	College Writing I	4	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.
333	00001954	ENGL	1202	College Writing II	2	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.
334	00001992	ENGL	1900	Introduction to Creative Writing	3	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.
335	00002008	ENGL	1950	Graphic Novels	3	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.
336	00002068	ENGL	1250	Magazine Workshop	2	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.

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337	00002157	ENGL	2010	Writing Creative Non-Fiction and Memoir	3	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.
338	00002165	ENGL	2500	Playwriting	3	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 playwriting.
339	00002167	ENGL	2030	Writing Poetry	3	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.
340	00002168	ENGL	1260	Newspaper Writing	2	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.
341	00002200	ENGL	2020	Writing Stories	3	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.
342	00002258	ENGL	2960	Creative Writing Capstone Project	1	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
343	00149140	ENGL	2320	Writing: From Structure to Style	3	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.
344	00150261	ENGL	2330	Hmong American Literature	3	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.
345	00154470	ENGL	1140	Professional Writing	3	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.

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1	North Hennepin Community College Courses 2021-2022					
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346	00159256	ENGL	2300	Children's Literature	3	In this course, students will have the pleasure of reading, discussing and evaluating children's literature ranging from the picture book to the young adult novel. Students will explore the history of children's 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.
347	00165340	ENGL	0990	Gateway Composition	2	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
348	00165351	ENGL	1200	Gateway College Writing	4	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.
349	00179620	ENGL	2400	Utopian/Dystopian Literature	3	This course introduces students to the literature of utopias and dystopias, literary works about imaginary places, whose intention is to explore alternative models of political, cultural, and societal structures. Utopian/dystopian literatures seek to challenge existing ideas about governments, social communities, and constructions of human identity, but they also offer new, sometimes radical and transformative ideas regarding the reformation of existing human societies.
350	00189416	ENGL	2150	Introduction to Literary Studies	3	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.
351	00189436	ENGL	2540	Introduction to Literary Studies: Reading Poetry	3	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.
352	00189456	ENGL	2570	Introduction to Literary Studies: Reading Plays	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
353	00189477	ENGL	2590	Introduction to Literary Studies: American Short Story	3	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.
354	00189596	ENGL	2410	US Latinx and Latin American Literature	3	This course will introduce students to the genres, traditions, and themes that characterize Latinx literatures. Emphasis will be placed on the distinctions and similarities that have shaped the experiences and the cultural imagination among different Latinx communities in the U.S. and throughout Latin America. Genres include, but are not limited to, poetry, fiction, nonfiction, and film.
355	00189637	ENGL	1800	Introduction to Journalism	3	This course provides an introduction to writing in standard journalism modes, which may include news, features, editorials, sports, reviews, and blogs. Contemporary practices, issues, and ethics of the profession are also covered.
356	00196656	ENGL	2390	Work in American Literature	3	This course examines American texts by and about workers and those concerned with workers. It focuses on how these texts portray work and the ways that work structures personal and social life, as well as on how these texts address and are formed by historical and political events that shape working conditions. The course may be organized historically or topically.
357	00206956	ENGL	2250	Japanese Literature	3	This course introduces students to Japanese literature in translation. The reading may be organized either by historic periods or topically. The selected texts may come from various time periods. The reading may include oral traditions, mythology, spiritual texts, historical documents, poetry, song lyrics, theatrical plays, novels, short stories, or manga. This course may address issues of historical context, gender, class, and race as a way of understanding Japanese literature.
358	00000221	ENGR	1000	Introduction to Engineering and Design	3	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.
359	00000222	ENGR	1200	Engineering Graphics	3	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.
360	00000225	ENGR	2501	Circuit Analysis I	4	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
361	00000226	ENGR	2502	Circuit Analysis II	4	No course outline found 6/4/19 - MR

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362	00000227	ENGR	2511	Circuit Analysis I Laboratory	1	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
363	00000228	ENGR	2512	Circuit Analysis II Laboratory	1	No outline found 6/4/19 - MR
364	00000988	ENGR	2301	Statics	3	This course examines systems held in static equilibrium. Topics include vector algebra, equivalent systems of forces, equilibrium of particles and rigid bodies, moments, center of mass, centroids, analysis of structural and machine elements, distributed loads, friction.
365	00001026	ENGR	2302	Mechanics of Materials	3	This course is an introduction to the linear stress-strain behavior of engineering materials. Topics will include stresses due to uniaxial loading, bending and torsion; stress transformations, beam deflections, indeterminate structures, column buckling, stress analysis of structural and machine elements.
366	00001028	ENGR	2303	Dynamics	3	Dynamics is the study of motion and the effect of forces on bodies in motion. This course will cover the kinematics and kinetics of particles, of systems of particles, and of rigid bodies in the plane; application of work-energy and impulse-momentum methods; introduction to mechanical vibrations.
367	00001429	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.
368	00212619	ENGR	2201	Introduction to Digital Logic	2	This is an introduction to digital logic design. Topics include Boolean algebra fundamentals; Karnaugh mapping; elements of digital building blocks such as gates, flip-flops, shift registers, memories, etc.; analysis and design of combinational-logic circuit and sequential-logic circuits.
369	00212624	ENGR	2410	Circuit Analysis	4	This course explores direct-current and alternating circuits. Topics include Kirchhoff's Laws; mesh and nodal analysis; Thevenin's and Norton's Theorems; RL, RC, and RLC circuits; sinusoidal steady state analysis of AC circuits; operational amplifiers. A laboratory component is included.
370	00212638	ENGR	2340	Thermodynamics	3	This course will cover basic laws of thermodynamics; energy transfer processes; conservation of mass and energy; entropy balance; thermal properties of materials; equations of state; reversible and irreversible processes and cycles. Also includes applications to engineering systems.
371	00156997	ENGX	1201	English Express II	8	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.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
372	00157050	ENGX	0950	English Express I	7	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.
373	00169558	EXSC	1140	Recreational Games	1	The purpose of this course is to enable students to develop knowledge and skills in recreational activities and maintain or improve health-related fitness. Students will be introduced to various activities and games of a recreational nature.
374	00169559	EXSC	1151	Golf I	1	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.
375	00169561	EXSC	1200	Bowling	1	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.
376	00169562	EXSC	1230	Basketball	1	This course provides instruction and practice in skills of basketball through drills and game play. Rules, terminology, and strategy are included.
377	00169563	EXSC	1400	Women's Self Defense	1	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.
378	00169567	EXSC	1510	Coaching and Management	2	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.
379	00169570	EXSC	1810	Step Aerobics	1	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.
380	00169573	EXSC	1041	Volleyball	1	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.

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381	00169574	EXSC	1042	Advanced Volleyball	1	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
382	00169575	EXSC	1010	Physical Fitness	2	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 as well as personalized heart rate zones and monitoring. A pre-assessment of ones 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.
383	00169577	EXSC	1050	Weight Training	1	This course will introduce students to strength training for the development of lifelong physical fitness. Students will develop the basic principles of designing and participating in a safe and effective resistance training program.
384	00169578	EXSC	1070	Soccer	1	This course includes instruction and practice in skills of soccer through drills and game play. Rules, terminology, and strategy also are studied.
385	00169581	EXSC	1440	Karate	1	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. All skill levels welcomed.This course will also utilize kicking pads and re-breakable boards for some of the kicking and punching techniques.
386	00169583	EXSC	1500	Foundations of Exercise Science	3	This course is an introduction to the professional practice and disciplinary dimensions of exercise science. Students will examine concepts including professionalism, ethics, certification and licensure, employment opportunities and scientific foundations of the various sub-disciplines within the exercise science field.
387	00169586	EXSC	1720	Introduction to Camping	2	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.
388	00169587	EXSC	1710	Wilderness Camping	3	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.

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389	00169588	EXSC	1740	Hiking	1	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.
390	00169589	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.
391	00169590	EXSC	1250	Wellness for Life	3	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health, wellness, and fitness of the individual.
392	00169591	EXSC	1750	Yoga	1	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.
393	00169593	EXSC	2490	Kinesiology	4	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: EXSC 2010 - Essentials of Exercise Science (Minimum grade: 1.67 GPA Equivalent)
394	00169594	EXSC	1240	Rock Climbing	1	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)
395	00169595	EXSC	1210	Badminton	1	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.
396	00169597	EXSC	1270	Studio Cycle	1	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.
397	00169600	EXSC	1760	Introduction to Kayaking and Canoeing	1	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.
398	00169601	EXSC	1310	Disc Golf	1	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.

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399	00169604	EXSC	1840	Zumba	1	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.
400	00169607	EXSC	1630	Wilderness Navigation	1	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.
401	00169608	EXSC	1640	Outdoor Activity Sampler	1	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.
402	00169609	EXSC	1610	Winter Skills	1	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.
403	00169610	EXSC	1850	Yoga Core	1	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.
404	00170853	EXSC	1060	Advanced Weight Training	2	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
405	00170904	EXSC	1860	Total Body Strengthening	1	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.
406	00174243	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.
407	00174665	EXSC	1000	Physical Fitness	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
408	00174920	EXSC	2390	Current Research Trends in Exercise Science	3	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.
409	00174921	EXSC	2200	Applications of Training	2	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
410	00174942	EXSC	2010	Essentials of Exercise Science	3	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.
411	00174943	EXSC	2110	Advanced Fitness Assessment & Exercise Prescription	3	This course is designed to expose students to practical application scenarios in which they will conduct risk factor screenings, fitness assessments, and exercise programming (including appropriate progressions, instructions and spotting techniques). The purpose of this course is to facilitate the application of theoretical concepts previously learned; therefore, offering a bridge between theory and practice. Students will also have the opportunity to design, implement, and modify exercise programs for real and/or theoretical clients under direct supervision.
412	00174944	EXSC	2100	Concepts of Training	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
413	00174946	EXSC	2270	Essentials of Sport & Exercise Nutrition	3	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
414	00174947	EXSC	2750	Wellness Coaching & Health Promotion	3	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.
415	00180967	EXSC	2300	Concepts of Group Fitness Instruction	3	This course is designed to provide theoretical knowledge and practical skills in group fitness instruction, as well as preparation for a national certification exam in group fitness instruction. Topics include guidelines for instructing safe, effective, and purposeful exercise, essentials of the instructor¿participant relationship, the principles of motivation to encourage adherence in the group fitness setting, effective instructor to participant communication techniques, methods for enhancing group leadership, and the group fitness instructor¿s (GFI¿s) professional role.
416	00181933	EXSC	1880	Fundamentals of Boxing	1	This course focuses on boxing skill and techniques. Students will be introduced to punching, boxer¿s stance, footwork, balance and stance in movement, training, safety practices, and the health and physical benefits associated with boxing. The class will utilize heavy bags, speed bags, as well as other sport-specific equipment. Methodology, strategy, and self-defense applications will also be included. Excessive force, violence, or aggression are not required or expected and will not be tolerated. All skill levels welcome.
417	00189607	EXSC	1470	Bicycling	1	This course is designed to examine outdoor bicycling for both leisure and exercise. It will introduce students to basic bicycling skills, maintenance, and safety. An emphasis will be placed on increasing cardiovascular endurance as well as bicycling as a lifetime activity. NOTE: Students will be expected to participate in bicycling (outdoor) each week, and will be required to log daily rides through the Polar Beat smart phone app. Access to a bicycle, helmet, and heart rate monitor are required for this course.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
418	00189676	EXSC	1410	Jogging/Running	1	This course is designed to examine jogging/running as a means of improving cardiovascular fitness and promoting it as a lifelong activity. The American College of Sports Medicines (ACSM) physical activity guidelines will provide a framework for class requirements as well as aid in developing fitness goals that emphasize cardiovascular health. NOTE: Students will be expected to participate in running/jogging every week, and should be able to physically handle the nature of the activity
419	00189678	EXSC	1460	Fitness Walking	2	This course is designed to examine walking as a means of improving fitness and promoting it as a lifelong activity. The American College of Sports Medicines (ACSM) physical activity guidelines will provide a framework for class requirements as well as aid in developing fitness goals that emphasize cardiovascular health. NOTE: Students will be expected to participate in fitness walking, and will be required to log daily walks through the Polar Beat smart phone app/website.
420	00194427	EXSC	1530	Tactical Strength and Conditioning	2	This course is designed specifically for the tactical athlete (military, law enforcement, fire and rescue, protective services, first responders, and other emergency services). The tactical strength and conditioning course is designed to increase the performance, readiness, and longevity of tactical athletes while decreasing the likelihood of fitness and job related injuries by utilizing proven training methods and team training.
421	00194469	EXSC	1890	Intermediate Boxing	1	This course builds upon existing boxing skills and techniques. Students will further advance and develop their striking and defensive skills, advanced footwork, balance, body awareness, safety practices, and overall efficiency in boxing. The class will utilize heavy bags, reflex bags, as well as other sport-specific equipment. Students will also review boxing techniques and strategies utilized by former and modern day athletes/coaches. Methodology, strategy, and self-defense applications will continue to be included. Excessive force, violence, or aggression are not required, expected, or allowed and will not be tolerated.
422	00211605	EXSC	1900	Worldwide Fitness and Wellness Trends	1	This course is designed to explore the constantly evolving field of Exercise Science. In the rise and fall of fitness trends, students must be equipped with basic scientific understanding in exercise theories to discern between trends, fads, safe, and harmful methods for physical training. This course seeks to empower students with the knowledge in exercise science and wellness to improve their lives and of those around them.
423	00211658	EXSC	2600	Wellness Coaching and Behavior Change	2	The course will provide students with key tools for promoting behavior change and creating a foundation for a healthy lifestyle. Concepts essential to understanding the psychological and behavioral aspects of wellbeing will be explored. Applications are made to future exercise science professionals in aiding oneself and others in the movement towards wellness. Students will learn strategies, such as motivational interviewing, decisional balance, operant conditioning, and appreciative inquiry, in order to aide oneself and clients through the stages of change and healthier habits.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
424	00211659	EXSC	2700	Wellness Coaching Theory and Practice	3	This course examines health and wellness coaching techniques with an emphasis on the practical application of evidence-based interventions, current practices, and skills used to promote healthy lifestyle changes. Students will gain the knowledge and skills needed to assess a client¿s lifestyle behaviors and then support them through behavior change. This course is designed to prepare students for national certification in health and wellness coaching.
425	00001754	FYE	1020	First Year Experience	2	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.
426	00001990	FYE	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.
427	00212538	FYE	1021	Effective Student Learning	1	During this four-week course, you will learn strategies and skills to use online tools, ways to engage with your instructor, how to balance your personal and academic responsibilities, and give yourself short-term rewards to maintain long-term motivation to fulfill your academic goals.
428	00165230	GCST	1320	Community Organizing I	3	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.
429	00166996	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.
430	00166998	GCST	1030	Introduction to Japanese Culture	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
431	00166999	GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	3	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.
432	00167015	GCST	1100	Study Abroad		
433	00167016	GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
434	00167017	GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	3	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.
435	00170244	GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
436	00170245	GCST	1220	Practical Applications of Traditional Aikido	2	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.
437	00183275	GCST	2320	Leadership through Social Change	3	Building on the foundational local work of GCST 1320, this project and research based course will focus on further developing leadership skills and community connections at a local, national and global level to create student change agents. This course provides essential information for grassroots organizing and coalition building, and incorporates research on successful models locally and globally that have supported oppressed populations to create social and environmental change. Students will understand the importance of power theory and dynamics and then identify a local or global issue, creating strategies for collective action and developing and implementing these strategies into practice. Formerly: Community Organizing II Through analysis of media, culture, government policies, social movements, systemic racism and marginalization of groups, and participating in practical social change activities, students will learn to explore and synthesize multiple points of view and individual and collective responsibilities to create a more just, ethical and sustainable future. Activities could include research projects on campus, with City of Brooklyn Park, and other area, national and international organizations, data collection and analysis, research papers, presentations, creation of documentaries
438	00184769	GCST	1490	Dave Larsen American Indian Immersion Experience	4	This course will focus on the American Indian Civil Rights Movement and the community¿s efforts to protect, preserve and assert tribal sovereignty, language, culture, identity and treaty rights with a particular focus on the behaviors, actions and interactions between indigenous and non-indigenous individuals, groups, institutions, and nations. This course is designed to provide an up-close immersive experience of some of the events, places, peoples and systems throughout American Indian Country that have helped shape and define contemporary Indigenous theories. The course challenges participants to utilize and address issues such as sovereignty, colonization, treaty rights, political power, racism, activism, language revitalization, our relationship with this land, and traditional lifeways. This course includes in-class participation and an off campus expedition to American Indian Nations.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
439	00186179	GCST	1501	Introduction to Gender and Women's Studies	3	This course introduces students to the foundations of Gender and Women Studies by examining the diversity of women¿s experiences throughout history and across cultures, races, ethnic groups and religions. From a social science/humanities perspective, we will explore how factors such as gender, gender identity and sexuality have been shaped by Western society.
440	00189303	GCST	1978	American Indian Cultural Expression	3	This American Indian Cultural Expression course will expose students to the broad range of fine arts within the American Indian community. This course will engage students to understand the connections between past events and their influence in American Indian art forms through critical analysis and aesthetic evaluation. Through exploring how art has impacted these living cultures how these vibrant cultures have survived oppression and genocide, and continue to thrive students will gain understanding of Indigenous Peoples strong connection with the fine arts. Students will also learn to articulate the meaning of different Indigenous nations creative expression and interpretive processes, which have been handed down for generations. Students will also explore the art of activism and resistance to colonialism as well as the connections between American Indian artists and the land.
441	00191916	GCST	2410	US Latinx and Latin American Literature	3	This course will introduce students to the genres, traditions, and themes that characterize Latinx literatures. Emphasis will be placed on the distinctions and similarities that have shaped the experiences and the cultural imagination among different Latinx communities in the U.S. and throughout Latin America. Genres include, but are not limited to, poetry, fiction, nonfiction, and film.
442	00193678	GCST	1964	African American Civil Rights Immersion Experience	4	This course will focus on the African American culture and the Civil Rights Movement through four themes: fragmentation, exclusion, resistance, and community. Particular attention will be given to the diversity of African diasporas within the United States. The African American Civil Rights Immersion Experience is designed to provide an up-close immersive experience of some of the events, places, people and systems throughout the United States that have helped shape and define contemporary African American theories. This course will be framed within the civil rights movement, including its social organization, customs and traditions, religion, and its arts and literature. The course challenges students to utilize and address issues such as political power, economic systems, racism, and activism. This course includes in-class participation and an off campus expedition to historical civil rights sites in the United States. **Students must receive approval through the Diversity and Equity office prior to registering for the course**
443	00193720	GCST	1503	Masculinities	3	This course offers students the opportunity to examine masculinity from a feminist perspective. We will consider masculinity in terms of political, historical, and social influences. How do boys become men in the United States? We will address issues such as male aggression and violence, homophobia and male roles in western society (father, brother, husband, son, etc.)
444	00193743	GCST	1502	Human Trafficking	3	This course will explore human trafficking within the context of social justice, human rights, and feminist perspectives. We will analyze the behavior of traffickers and the ways this crime affects our global economy. We will examine criminal justice, vulnerabilities of victims and types of trafficking and how communities are responding to this activity. Students will gain an overall understanding of modern-day slavery and the issues we face regarding this crime.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
445	00205109	GCST	1504	Feminism and Capitalism	3	This course examines different aspects of capitalism through the lens of feminism. We will investigate the ways different groups of people have been allowed to participate in capitalist societies and why. Our discussions will include the politics of gender inequality, the history of women in capitalist governments and many other topics.
446	00205110	GCST	1505	Women and War	3	This course investigates the experiences of women in war. We will discuss the ways women have been used in politics and societies. We will examine many topics including the treatment of women during the holocaust of World War II, sexuality as a weapon of war and women in combat.
447	00206976	GCST	2250	Japanese Literature	3	This course introduces students to Japanese literature in translation. The reading may be organized either by historic periods or topically. The selected texts may come from various time periods. The reading may include oral traditions, mythology, spiritual texts, historical documents, poetry, song lyrics, theatrical plays, novels, short stories, or manga. This course may address issues of historical context, gender, class, and race as a way of understanding Japanese literature.
448	00208546	GCST	1700	Foundations of Racial Justice	3	What is the social construction of race? When did it start? What is racism? What is racial justice? This course introduces students to the core concepts of Racial Justice by examining the social construction of race and systems of oppression. Systems examined may include, but is not limited to education, healthcare, housing, etc. From a justice and advocacy perspective, we will explore how the social construction of race has led to oppression of various identity groups and how individuals and groups in society can strive to be anti-racists.
449	00208618	GCST	1301	Introduction to Ethnic Studies	3	This introductory course in Ethnic Studies will examine race and ethnicity in the United States. We will analyze racism and whiteness. We will question the ways that our concepts of different races have been influenced by family, the media, and education. Focus will be on the ways our ideas and beliefs about ethnicity have been shaped by issues such as slavery, colonization, occupation, migration, and immigration.
450	00211606	GCST	2000	Theories of Race and Ethnicity	3	This course introduces students to the complexity of race and ethnicity as both conceptual terms and lived experiences. We will look at multiple definitions of race and ethnicity that have been developed over time, and we will also explore how race intersects with other forms of identity (cultural affiliation, gender, class, and sexuality). This course places a particular emphasis on power, structures, and ideas of cultural superiority, inequality, and racism, as well as how these ideas continue to marginalize significant portions of the population. Students will learn about the connections between race, ethnicity, labor, and power structures, such as colonial, economic, state bureaucracy, and legal systems. Students will learn about the unique contributions and social and cultural developments of ethnic groups in the United States. The course will also introduce students to key academic frameworks and critical race theories.
451	00212139	GCST	1350	Immigration and Society	3	This course focuses on immigration and its relations to the society with a U.S. focus. We will learn about human migration and immigrant adaptation. We will discuss the history and the current state of immigration in the United States. We will analyze how immigration is connected to politics, the economy, and the other dimensions of the society, including race and ethnicity. This course will not substitute for the PLEG 1610 ¿ Immigration Law elective in the Paralegal A.S./Certificate.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
452	00212359	GCST	1380	Personal Story Telling	2	This course exposes students to the genre of personal storytelling. It is designed to help students tell their own stories for personal empowerment. It will introduce students to key academic storytelling frameworks and storytelling methodologies. The course uses the self as the source material, creating and developing stories based on personal memories, culture and family background in order to tell effective personal stories. In addition, students will have the opportunity to engage in self-exploration and self-reflection through the development and telling of their own cultural and personal stories, and through listening to others.
453	00212539	GCST	1507	Mass Incarceration	3	This course examines the practices of incarceration in the United States from a feminist perspective. We will discuss the history, the politics, the economics and the ethics of incarceration. We will also review the ways the U.S. is different from other countries when it comes to imprisonment.
454	00000243	GEOG	1010	Physical Geography	3	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.
455	00000244	GEOG	1040	Human Geography	3	Human Geography is concerned with how human interactions shape material and cultural landscapes. It broadly examines the great diversity of human organization and experience in different countries through a variety of perspectives. Essential to this examination is a comparative review of the contemporary geographies of race, language, political ideologies (including religion), public policy, ecology, economic activity, natural resources, settlements, and demographics.
456	00000245	GEOG	1100	World Geography	3	World Geography is concerned with how domestic and international capital shapes the physical and cultural landscapes of different regions and countries. It broadly examines the great diversity of human economic activities that have given rise to global cultures of agriculture, natural resource production, manufacturing, transportation, development (including education, welfare, and healthcare), shopping and services, and tourism. Essential to this examination is a comparative review of the contemporary geographies of globalization, finance, immigration, poverty and displacement, or any aspect of nature or human behavior that gives an insightful understanding of each region or country in a world made for money.
457	00001414	GEOG	1990	Topic:	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
458	00158231	GEOG	1190	Area Studies	3	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.
459	00202801	GEOG	1020	United States Geography	3	This course is concerned with the physical and cultural landscapes that shape the United States. It broadly examines U.S. land settlement history, agriculture, natural resources, economic activity, demographics, regionalism, urbanism, and urban/rural dichotomies. Essential to this examination is a comparative review of the contemporary American geographies of politics, community, opportunity, poverty and displacement, race and ethnicity, immigration, resource management, economic activity, and public policy.
460	00186619	GEOL	9999	GEOL is now EEVS	0	Geology (GEOL) has changed it's name to Environmental Sciences (EEVS).
461	00208984	GWS	1502	Human Trafficking	3	This course will explore human trafficking within the context of social justice, human rights, and feminist perspectives. We will analyze the behavior of traffickers and the ways this crime affects our global economy. We will examine criminal justice, vulnerabilities of victims and types of trafficking and how communities are responding to this activity. Students will gain an overall understanding of modern-day slavery and the issues we face regarding this crime.
462	00209001	GWS	1501	Introduction to Gender and Women's Studies	3	This course introduces students to the foundations of Gender and Women Studies by examining the diversity of women's experiences throughout history and across cultures, races, ethnic groups and religions. From a social science/humanities perspective, we will explore how factors such as gender, gender identity and sexuality have been shaped by Western society.
463	00209002	GWS	1503	Masculinities	3	is course offers students the opportunity to examine masculinity from a feminist perspective. We will consider masculinity in terms of political, historical, and social influences. How do boys become men in the United States? We will address issues such as male aggression and violence, homophobia and male roles in western society (father, brother, husband, son, etc.)
464	00209003	GWS	1504	Feminism and Capitalism	3	This course examines different aspects of capitalism through the lens of feminism. We will investigate the ways different groups of people have been allowed to participate in capitalist societies and why. Our discussions will include the politics of gender inequality, the history of women in capitalist governments and many other topics.
465	00209004	GWS	1505	Women and War	3	This course investigates the experiences of women in war. We will discuss the ways women have been used in politics and societies. We will examine many topics including the treatment of women during the holocaust of World War II, sexuality as a weapon of war and women in combat.
466	00212544	GWS	1507	Mass Incarceration	3	This course examines the practices of incarceration in the United States from a feminist perspective. We will discuss the history, the politics, the economics and the ethics of incarceration. We will also review the ways the U.S. is different from other countries when it comes to imprisonment.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
467	00173450	HCCC	1010	Awareness and Sensitivity to Client Needs	0.5	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.
468	00173466	HCCC	1060	Respecting Client and Staff Diversity	0.5	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
469	00173467	HCCC	1050	Legal Issues in Healthcare	0.5	This course focuses on the legal issues related to clients/individuals and healthcare employees. Healthcare laws, client rights and responsibilities, confidentiality, liabilility, 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
470	00173468	HCCC	1070	Healthcare Safety and Standard Precautions	0.5	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
471	00173475	HCCC	1020	Behaviors for Success in Healthcare Settings	0.5	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
472	00173476	HCCC	1030	Managing Information in Healthcare Settings	1	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
473	00173478	HCCC	1040	Survey of Ethics in Healthcare Settings	0.5	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
474	00185156	HCCC	1100	Health Care Core Complete Curriculum	4	This course includes all of the following courses: HCCC 1010-Awareness and Sensitivity to Client Needs, HCCC 1020-Behaviors for Success in Healthcare Settings, HCCC 1030-Managing Information in Healthcare Settings, HCCC 1040-Survey of Ethics in Healthcare Settings, HCCC 1050-Legal Issues in Healthcare, HCCC 1060-Respecting Client and Staff Diversity and HCCC 1070-Healthcare Safety and Standard Precautions. Together, the modules provide foundational concepts to prepare students to start on an educational pathway and an understanding of healthcare.
475	00000259	HIST	1110	History of Western Civilization Pre 1550	3	"Western" civilization refers to the cultures and traditions today most associated with Europe and the United States, but which emerged in modern-day Iraq and spread both east and west. In this course, we will examine a variety of civilizations that developed and were influenced by cultures centered on the Mediterranean, such as the ancient Hittites, the Roman Empire, and the Islamic world. We will consider the ways these diverse civilizations interacted with their neighbors, ruled their territory, and understood the world they lived in.
476	00000260	HIST	1120	History of Western Civilization 1550 to Present	3	"Western" civilization refers to the cultures and traditions today most associated with Europe and the United States, but which emerged in what is now Iraq and spread both east and west. In this course, we will look at how ¿West¿ became associated with Europe and the United States as "West" was continually redefined as Europeans encountered others (both peacefully and violently) around the globe. We will examine the emergence of core cultural traditions associated with the "West," such as nationalism, democracy, capitalism, and racism.
477	00000261	HIST	1200	History of United States Through 1877	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
478	00000262	HIST	1210	History of the United States Since 1877	3	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.
479	00001432	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.
480	00001450	HIST	1270	Race in America	3	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.
481	00001472	HIST	1010	World History: Origins to 1300	3	This course examines world history from human origins to end of the 13th century CE. By looking at history from a global and comparative lens, students will develop both a complex understanding of the variety of cultural, political, social, economic, and religious systems that prevailed in different world regions at different times and an appreciation of the universal elements of human societies and the patterns of development and change. We will look at world history from early human migrations, through the development of agriculture and pastoralism, to the construction of states and empires in Afro-Eurasia, the Americas, and the Trans-Pacific. We will consider the changing nature of political authority, social organization, systems of production and exchange, and religious beliefs and practices. Students will gain a deeper appreciation of the ongoing formation of historical knowledge and direct experience with the interpretation of primary historical sources.
482	00001473	HIST	1020	World History: 1300 to Present	3	This course examines world history from the 14th century CE to the present. By looking at history from a global and comparative lens, students will develop both a complex understanding of the variety of cultural, political, social, economic, and religious systems that prevailed in different world regions at different times and an appreciation of the universal elements of human societies and the patterns of development and change. We will look at the construction of new empires of land, labor, and commerce, and the revolutions of the Modern era. We will consider the changing nature of political authority, social organization, systems of production and exchange, and religious beliefs and practices. Students will gain a deeper appreciation of the ongoing formation of historical knowledge and direct experience with the interpretation of primary historical sources.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
483	00001637	HIST	2900	Applied History	3	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
484	00001638	HIST	2500	World Regional History	3	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.
485	00002299	HIST	2700	History and Popular Culture	3	This course uses popular culture entertainment to introduce historical research methods and examine questions of ethical use of history. We will look at how history is portrayed and presented in diverse forms of popular culture entertainment, such as film, novels, comics, etc. We will also look at how popular culture reflects the social and cultural values of the audience it entertains. As we examine the ways history is leveraged as a source of entertainment, each student will develop their own views on what is considered ethical use of history, and what is considered abuse of history. Students need to students complete a 1000-level history course prior to enrolling in this course.
486	00152818	HIST	1030	Colonial History of the Americas	3	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.
487	00193017	HIST	1230	U.S. Labor History	3	This course covers the major changes in the nature of work, the workforce, and the institutions involved in the labor history of the United States, and it addresses the social, economic, and political aspects of labor history in both a U.S. and a global context. This course is intended as a general elective or required for Construction Technology AS or A.A.S. degree.
488	00001338	HLTH	1050	Stress Management	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
489	00001352	HLTH	1030	Personal and Community Health	3	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.
490	00001353	HLTH	1060	Drugs and Health	3	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.
491	00001354	HLTH	1070	Nutrition	3	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.
492	00001355	HLTH	1080	Consumer Health	3	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.
493	00001357	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.
494	00001433	HLTH	1100	Responding to Emergencies: First Aid	3	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.
495	00001434	HLTH	1250	Wellness for Life	3	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health, wellness, and fitness of the individual.
496	00001508	HLTH	1900	Healthy Sexuality	3	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.
497	00165241	HLTH	1600	Emergency Medical Responder	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
498	00168540	HLTH	1040	Current Health Issues and Human Behavior	3	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.
499	00172233	HLTH	2060	Concepts of Addiction	3	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.
500	00174227	HLTH	2030	Global Health	3	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.
501	00178783	HLTH	2070	Socio-Cultural Aspects of Nutriton	3	Students in this course will explore nutrition in the context of culture ¿ looking at common dishes, special occasion foods, and cultural foods with therapeutic uses. Students will examine how cultural values, health beliefs, economic status, and learned food practices shape the development of meal patterns, eating customs, and the nutritional status of ethnic, religious, and regional groups. Students will also be given the opportunity to prepare and taste cultural foods, like amaranth, epozote, plantains, miso, and mung beans from the various regions studied.
502	00183169	HLTH	1010	Health Terminology	3	This is a course for all health professionals to become familiar with, and knowledgeable in, the workings of the human body. They will learn correct terms and terminology as it applies to each human body system.
503	00183170	HLTH	2020	Introduction to Health	3	This course will introduce students to various public and community health services, the history of community and public health and the role and functions of health programs and their relationships between holistic health aspects. This course will explore the knowledge, skills and competencies of health educators in various community settings, occupations and careers.
504	00183171	HLTH	2040	Foundations and Theory in Health	3	Foundations and theory in Health 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 behavior theories and models which are used to change human behavior and how they relate to health.
505	00183172	HLTH	2080	Environmental Health	3	The purpose of this class is to inform the student about the key areas of environmental health and instill awareness about the crucial role of the environment in the health of the planet and all living organisms. It is designed to promote awareness of the environmental influences on health.
506	00187554	HLTH	2090	Life Cycle Nutrition	3	This course will examine the nutritional needs and recommendations at each major phase of the life cycle from pregnancy to older adults. Students will also explore factors that affect nutritional status in learning to assess appropriate educational materials, dietary interventions, and community nutrition programs.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
507	00187556	HLTH	1000	Introduction to Mindfullness	2	Students will develop an understanding of the current research on Mindfulness and Meditation practices. The focus of this class will be to train students to enter a calm and centered state of awareness through working with the body, breath and mind.
508	00173612	HONR	1000	Honors Seminar	1	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, have a minimum cumulative GPA of 3.5, or have instructor permission.
509	00179091	HONR	2000	Undergraduate Research - Literature Review		Students will be engaged in the investigation of the state of a specific scholarly question under the guidance of a faculty member. Research projects will focus on using discipline-appropriate resources and literature to understand the origins and development of a particular scholarly topic within the context of the relevant discipline(s), significant approaches to the topic, and current avenues that are being used to develop the topic. This course may be repeated for credit.
510	00179092	HONR	2020	Undergraduate Research - Original Research		Students will be engaged in an original research project under the guidance of the faculty member. Research projects will: have clearly communicated purposes and objectives, have well-defined discipline-appropriate methods, be ambitious in scope, have a reasonable chance of completion within the agreed-upon timeframe, require use of discipline-appropriate scholarly literature, require use of advanced concepts, build upon current scholarly understanding, and result in work suitable for conference presentation or publication. This course may be repeated for credit.
511	00179094	HONR	2030	Undergraduate Research - Creative Work		Students will be engaged in the production of an original creative work under the guidance of the faculty member. The creative work will: use discipline-appropriate methods, be ambitious in scope, have a reasonable chance of completion within the agreed-upon timeframe, and require use of advanced concepts and technique. The result should be of a quality suitable for presentation, production, or publication. This course may be repeated for credit.
512	00179132	HONR	2010	Undergraduate Research - Research Assistant		Students will assist in an ongoing scholarly research project under the guidance of a faculty member. Students will learn data-collection and/or analysis using discipline-appropriate methods that contribute to the objectives of the research project. This course may be repeated for credit.
513	00181041	HONR	2900	Honors Capstone	1	The Honors Capstone course provides a culminating experience of a student's academic life. Students develop and implement a project that integrates their undergraduate experiences while helping them to prepare for their intended career paths. Students will work with two (Honors and High Honors) or three (Highest Honors) faculty to develop an integrative project that incorporates two (Honors and High Honors) or three subjects (Highest Honors) the student has studied over the course of their college career. Projects must demonstrate student competency in each of the four NHCC Essential Learning Outcomes (ELOs) as well as student ability to establish short- and long-term goals. Approval of the Honors Program and instructor permission.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
514	00172809	HSER	1200	Multicultural Awareness in Human Services	3	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. Recommended completion of, or concurrent enrollment in EAP 1260: College Writing Skills Development plus EAP 1230: College Reading and Study Skills or above with a grade of C or better
515	00172820	HSER	1100	Introduction to Human Services	3	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. Recommended completion of, or concurrent enrollment in EAP 1260: College Writing Skills Development plus EAP 1230: College Reading and Study Skills or above with a grade of C or better.
516	00173033	HSER	1300	Crisis Assessment and Intervention	3	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.
517	00173034	HSER	1400	Basic Counseling Skills	3	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.
518	00173054	HSER	1600	Loss and Grief	2	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.
519	00173095	HSER	1500	Group Processes	3	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
520	00173096	HSER	1700	Family Functions and Interactions	3	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.
521	00173097	HSER	1900	Current Human Services Topics	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
522	00173115	HSER	1800	Mental Disorders Through the Life Span	3	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. Recommendation of completion of or concurrent enrollment in PSYC 1160.
523	00173116	HSER	2100	Human Services Seminar	1	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.
524	00173117	HSER	2101	Human Services Internship	6	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
525	00000291	MATH	1010	Survey of Mathematics	3	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. Please Note: If you have taken a 1000 level Math Course (or higher) from another institution, and have submitted your official transcript, please contact the Records and Registration Department in order to register for this course.
526	00000292	MATH	1031	Math for Elementary Education I	3	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.
527	00000293	MATH	1032	Math for Elementary Education II	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
528	00000296	MATH	1130	Elementary Statistics	3	This is an introductory course in descriptive statistics, probability, random variables, and inferential statistics. Topics include exploratory data analysis, measures of central tendency and variation, linear regression, binomial and normal distributions, the central limit theorem, confidence intervals and hypothesis testing for one population and two populations. Additional topics may include basic probability, conditional probability, Bayes¿ Theorem, analysis of variance, and chi-squared tests.
529	00000297	MATH	1140	Finite Mathematics	3	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. Please Note: If you have taken a 1000 level Math Course (or higher) from another institution, and have submitted your official transcript, please contact the Records and Registration Department in order to register for this course.
530	00000298	MATH	1150	College Algebra	3	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 0970 or 0980 with grade of "C" or better
531	00000301	MATH	1200	Calculus Survey	3	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
532	00000302	MATH	1221	Calculus I	5	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
533	00000303	MATH	1222	Calculus II	5	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
534	00000305	MATH	2220	Calculus III	5	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
535	00000306	MATH	2300	Linear Algebra	4	This course includes vectors and vector spaces, matrices, matrix algebra, linear systems of equations, determinants, linear transformations, eigenvalues and eigenvectors. Students will also be expected to construct proofs relating to linear dependence and/or independence, the span of a set of vectors, and whether a set of vectors satisfies the vector space axioms.
536	00000307	MATH	2400	Differential Equations	4	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, Laplace transforms, and solving systems of differential equations. The student will also be introduced to numerical methods for solving differential equations.
537	00001337	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.
538	00002012	MATH	2000	Discrete Mathematical Structures	4	The course covers mathematical topics essential for work in computer science. Topics include: number bases, mathematical induction, sets, relations, functions, congruence, recursion, combinations and permutations, probability, graphs, trees, logic, Boolean algebra, and proof techniques. Computing related problems and examples are integrated throughout the course. Prerequisites: MATH 1150 College Algebra (Minimum grade: 1.67 GPA Equivalent) Or A score of 79 or higher on the College Level Math (0167) placement test Or An ACT math score of 26 or higher
539	00002300	MATH	0980	Pre College Algebra	5	This course is a thorough treatment of the algebra necessary for success in college-level math classes. Topics covered include linear equations, quadratic equations, functions, graphing, rational expressions, polynomials, inequalities, radicals, complex numbers, and systems of equations. Additional topics may include exponential and logarithmic functions and their graphs. This course emphasizes applications of all topics and the acquisition of by-hand skill. Credit does not apply to a degree. A student who earns an A or B in this class can petition for permission to use it as a prerequisite for Math 1180.
540	00165841	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
541	00170885	MATH	1170	Pre-Calculus	4	This is a comprehensive course in trigonometry and extended topics in algebra. Topics include trigonometric functions and their graphs, inverse trigonometric functions and their graphs, trigonometric identities and equations, applications of trigonometry, conic sections, the binomial theorem, and sequences and series. Additional topics may include mathematical induction, combinations and permutations, and systems of nonlinear equations. Prerequisites: College math placement level or successful completion of Math 1150 with grade of "C" or better
542	00170886	MATH	1180	College Algebra and Pre-Calculus	5	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, inverse trigonometric functions, vectors, conic sections, and sequences and series. Additional topics may include polar coordinates or parametric equations.
543	00174951	MATH	0970	Bridge to College Algebra	2	This course is designed for students who have successfully completed Math 900 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.
544	00174957	MATH	0801	Math Foundations	1	This course prepares students for Math 0900, Mathematical Literacy. Students will improve their number sense and skills with whole numbers, integers, fractions, mixed numbers, and decimals including calculations without calculators. Other topics will include place-value and order, rounding and estimation, and order of operations, all with a focus on integers, fractions, mixed numbers, and decimals, one-step application problems, and an introduction to percent. Additional course content includes math specific study skills and math success strategies. Credit does not apply to a degree.
545	00179661	MATH	1210	Applied Statistics	4	This course provides students with practical statistical tools for analyzing a variety of data. Students will learn how to choose which statistical test to implement, how to apply computer software to conduct tests, and how to interpret the statistical results. Topics include discussion of frequency distributions, measures of central tendency and variation, exploratory data analysis, probability, hypothesis testing and inferences about proportions and means (one and two populations), analysis of variance, correlation, linear regression, and nonparametric statistics. Prerequisites: College math placement above Math 1150 or successful completion of Math 1150 or higher with grade of "C" or better.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
546	00180828	MATH	0900	Mathematical Literacy	5	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 or Math 0801
547	00000309	MLT	1000	Clinical Laboratory Basics	1	This course will introduce the student to the general role of the healthcare provider as well as the specific role of the Medical Laboratory Technician. Students will learn about and practice infection control and safety, medical terminology, healthcare ethics, venipuncture technique, specimen processing, and quality assurance. The course will run the first half of the fall semester and will meet once a week for 2 hours.
548	00000310	MLT	1100	Clinical Urinalysis/Body Fluids	2	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
549	00000312	MLT	1200	Clinical Laboratory Instrumentation	1	This course will introduce the student to the basic operation and associated functions related to selected laboratory instruments and equipment. Students will learn and practice pipetting, laboratory mathematics, microscopy, dilutions, and quality control. The course will run the second half of the fall semester and will meet once a week for 2 hours.
550	00000314	MLT	2050	Clinical Hematology	4	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
551	00000315	MLT	2080	Clinical Microbiology	4	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
552	00000316	MLT	2100	Clinical Chemistry	4	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
553	00000317	MLT	2150	Clinical Immunohematology	3	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.
554	00000320	MLT	2310	Applied Phlebotomy	1	The course provides the student with experience in phlebotomy skills. Prerequisite: Admission to the MLT Program; Completion of MLT Didactic Courses
555	00000321	MLT	2320	Applied Hematology	2	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
556	00000322	MLT	2340	Applied Urinalysis	1	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
557	00000323	MLT	2350	Applied Microbiology	2	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
558	00000324	MLT	2360	Applied Immunohematology	2	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
559	00000325	MLT	2380	Applied Chemistry	2	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
560	00001436	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.
561	00002009	MLT	1250	Clinical Immunology	2	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
562	00002010	MLT	2330	Applied Coagulation	1	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
563	00000326	MUSC	1130	Concert Choir	1	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.
564	00000327	MUSC	1150	Chamber Singers	1	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. May be repeated for credit. Strongly recommended to take Concert Choir concurrently
565	00000328	MUSC	1200	Fundamentals of Music	3	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.
566	00000330	MUSC	1300	Music in World Cultures	3	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.
567	00000332	MUSC	1350	History of Rock and Roll	3	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.
568	00000334	MUSC	1600	Class Voice	2	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.
569	00000335	MUSC	1610	Applied Music: Voice	1	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."
570	00000337	MUSC	1810	Applied Music: Piano	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
571	00001437	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.
572	00002071	MUSC	1170	Instrumental Jazz Ensemble	1	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
573	00002078	MUSC	1830	Applied Music: Strings	1	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.
574	00002079	MUSC	1860	Applied Music: Brass	1	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.
575	00002080	MUSC	1801	Class Piano I	2	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.
576	00002081	MUSC	1510	Applied Music: Guitar	1	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
577	00002083	MUSC	1802	Class Piano II	2	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.
578	00002084	MUSC	2010	Advanced Applied Music Lessons	2	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.
579	00002095	MUSC	1850	Applied Music: Percussion	1	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.
580	00002096	MUSC	1870	Applied Music: Woodwinds	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
581	00002153	MUSC	1180	Small Group Performance Ensemble	1	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.
582	00002250	MUSC	1501	Class Guitar I	2	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.
583	00002251	MUSC	1502	Class Guitar II	2	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.
584	00002306	MUSC	2170	History of Music I: Medieval Through Classical Eras	3	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.
585	00002307	MUSC	1241	Music Theory I	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
586	00002308	MUSC	1251	Ear Training and Sight Singing I	2	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.
587	00139813	MUSC	1252	Ear Training and Sight Singing II	2	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.
588	00139814	MUSC	2251	Ear Training and Sight Singing III	2	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.
589	00139815	MUSC	2252	Ear Training and Sight Singing IV	2	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.
590	00139816	MUSC	1242	Music Theory II	3	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.
591	00139817	MUSC	2241	Music Theory III	3	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.
592	00139818	MUSC	2242	Music Theory IV	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
593	00139820	MUSC	2180	History of Music II: Romantic Era to the 21st Century	3	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.
594	00147483	MUSC	1160	Large Instrumental Ensemble	1	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
595	00181934	MUSC	1131	Community College Choir	0	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.
596	00182274	MUSC	1171	Community 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.
597	00182300	MUSC	1161	Community Band	0	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.
598	00183259	MUSC	1190	Garage Band	2	Ensemble course devoted to various musical styles found in contemporary rock and hip-hop (punk/blues/metal/rap/etc). Open to all majors, Garage Band (as in, start a band that plays blues/rock/metal/punk type music). Students can play any instrument, but bass/drums/electric guitar would be the focus. Coach to play cover songs and develop basic songwriting skills. Already established bands welcome to register.
599	00199596	MUSC	1220	Music Appreciation	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
600	00199597	MUSC	2970	Music Tour	1	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.
601	00200457	MUSC	1370	Video Game Music	3	This course will examine the evolution of music in video games, beginning with the earliest use of sound in games such as PAC Man and Space Invaders and progressing to the more complex soundtracks of modern day titles such as Halo & The Legend of Zelda. Students will follow the artistic & technological advances of this unique media form, gaining a greater understanding of how music helps shape the overall gaming experience.
602	00000347	NSCI	1010	Science of Disaster Workshop I	1	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.
603	00000348	NSCI	1020	Science of Disaster Workshop II	1	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.
604	00000349	NSCI	1030	Science of Disaster Workshop III	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
605	00000564	NSCI	1110	Minnesota's Natural History	4	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)
606	00001438	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.
607	00002159	NSCI	1070	Concepts of the Stars and Universe	3	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)
608	00002161	NSCI	1050	Astronomy	4	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)
609	00002177	NSCI	1060	The Solar System	3	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)
610	00002178	NSCI	1061	Solar System Lab	1	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
611	00002181	NSCI	1071	Stars and the Universe Lab	1	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.
612	00002301	NSCI	1000	Conceptual Physics	4	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)
613	00002302	NSCI	1120	Meteorology	4	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)
614	00179189	NSCI	1100	Physical Geology	4	A course examining the earth¿s formation, composition, structure and natural systems. Using the process of science, learners will explore 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, climate change and environmental concerns. Course is open to all students. (3 hours lecture, 3 hours lab) 4 Credits.
615	00179190	NSCI	1201	Oceanography Lab	1	This course is designed to complement GEOL 1150, Oceanography. The 3 hour lab sessions will include group and individual projects that supplement concepts and topics from oceanography lecture. Learners will collect their own data and use oceanographic data from ocean science databases. 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 niño and biogeochemical cycling. Course is open to All Students (3 hours lab) 1 credit
616	00179191	NSCI	1170	Minnesota Field Geology Series: Glacial Geology	2	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, climate change and destruction of continental ice sheets, sedimentary processes, recognition of erosional and depositional glacial landforms, 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 credits

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
617	00179192	NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	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.
618	00179193	NSCI	1190	Minnesota Field Geology Series: Fluvial Geology	2	Come explore the geologic history of Minnesota¿s rivers. We will examine the development of the Mississippi, Minnesota, Red, and St. Croix, and Whitewater 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. Four-day field trip around Minnesota is mandatory. Course is open to all students. 2 credits
619	00179194	NSCI	1180	Minnesota Field Geology Series: Caves, Karst and Ancient Seaways	2	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.
620	00179220	NSCI	1200	Oceanography	3	This course is an interdisciplinary survey of the biological, chemical, physical and geologic processes at work in the world¿s oceans. Using the process of science learners will examine the interplay between these processes and the implications of these interactions for life on Earth, the Earth¿s climate and marine environments. Topics may include waves, tides, seafloor sediments, marine biology, seawater chemistry, plate tectonics, ocean currents, El niño, productivity and dead zones, sea level change, coastal processes and effects of man¿s influence on oceans. Course is open to all students. 3 Credits (3 hours lecture)
621	00179237	NSCI	1140	Historical Geology	4	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. By using the process of science to examine how the Earth and life have changed through the geologic past we can begin to get a glimpse into the effect which humans may have on it now and in the future. Topics include: principles of geology, sedimentary rocks, fossil identification and classification, plate tectonics, sea level change, geologic time, topographic and geologic maps, evolution of life, climate change, hominid development and mass extinctions. Course is open to all students. (3 hours lecture, 3 hours lab) 4 credits

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
622	00001396	NURS	1000	Dosages and Calculations	1	Students learn to interpret and read medication orders and equipment related to drugs. They will learn proper calculation of oral and parental dosages for adults. In addition to the above, concepts of nursing process and logical thinking are employed throughout the course. Particular attention is paid to safety situations that in actual practice have resulted in medication errors. These include misreading of labels, relying on calculators to perform arithmetic, and miscalculation of dosage.
623	00001439	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.
624	00162119	NURS	2720	Transition to the Role of the Professional Nurse	4	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
625	00162120	NURS	2750	Nutrition and the Role of the Professional Nurse	2	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
626	00162121	NURS	2800	Chronic and Palliative Care	7	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
627	00162122	NURS	2820	Pharmacology and the Role of the Professional Nurse	3	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
628	00162123	NURS	2850	Applied Pathophysiology for Nursing I	2	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
629	00162124	NURS	2900	Acute and Complex Care	7	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
630	00162125	NURS	2920	Applied Pathophysiology for Nursing II	2	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
631	00162126	NURS	2950	Nursing Leadership I	3	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
632	00170246	NURS	1001	Nursing Assistant/Home Health Aide	4	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
633	00177941	NURS	2010	Nursing Summer Clinical Internship	1	This elective clinical internship course provides learning opportunities to apply nursing theory to nursing practice. The focus will be on gaining depth of understanding of the role of the registered nurse as well as strengthening nursing skills in the clinical setting. Students will be precepted by nurses in the clinical practice setting and by nursing faculty. Prerequisite: Successful completion of 3rd and 4th semester nursing courses: NURS 2700 or 2720, NURS 2750, NURS 2800, NURS 2820, NURS 2850 with a grade of C or better in each course.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
634	00184538	NURS	2700	Health Promotion and the Role of the Professional Nurse	9	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
635	00000397	PHIL	1010	Introduction to Philosophy	3	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.
636	00000398	PHIL	1020	Ethics	3	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.
637	00000399	PHIL	1050	Introduction to Logic	3	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.
638	00000400	PHIL	1060	Philosophy of Religion	3	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.
639	00000401	PHIL	1110	Informal Reasoning for Problem Solving	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
640	00000402	PHIL	1200	Environmental Philosophy	3	Environmental Philosophy is concerned with developing rational and moral theories of dealing with our environmental concerns and discussing ways of putting them into practice. Using a variety of specific philosophical perspectives, we will examine the effects of population growth, ecosystem destruction, species extinction, pollution, climate change, resource extraction, agriculture, etc. on humans and the environment. We will develop ways of understanding relationships between humans and the environment and ways of acting on our responsibilities to the natural world and its inhabitants.
641	00001094	PHIL	1030	Eastern Religions	3	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.
642	00001095	PHIL	1040	Western Religions	3	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.
643	00001329	PHIL	1210	Global Justice, Peace and Conflict	3	This course acquaints the student with the major philosophical and ethical dilemmas arising from conflicts within and between societies, with an effort to promote critical awareness and communication around peace and global justice. From a range of philosophical perspectives, students will consider global conflicts, such as those arising from war, nationalism, immigration, environmental crises, discrimination, terrorism, and global poverty. Students will seek to understand such concepts as justice, tolerance, self-determination, equality, fairness, and governance, in an effort to draw conclusions about causes of and solutions to global crises. Students will consider personal and societal strategies for conflict resolution and nonviolent change.
644	00001440	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.
645	00001626	PHIL	1070	Political Philosophy	3	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.
646	00163264	PHIL	1220	Health Care Ethics	3	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
647	00196598	PHIL	1080	Comparative World Religions	3	This course is designed to expose students to the fascinating world religions that have evolved throughout human history. It will look at what factors draw human beings to establish religious institutions and communities, and what inspires individuals to adopt a spiritual identity and life practice, (or to veer away from them). It will examine significant influences and commonalities in indigenous and native religions around the world, then focus on the history and development of widely-practiced religions, such as Hinduism, Buddhism, and Islam. Central stories, religious texts, and ethical systems within these religions will be studied. Less-practiced religions and variations in practice and belief within specific religions will also be considered. Particular attention will be brought to how various religious beliefs and practices are expressed. Important objectives of this course are increasing awareness of diverse faith systems, globally as well as locally, to gain further understanding of their world views and examine how these impact their followers¿ reactions to contemporary political and societal issues.
648	00196616	PHIL	1120	Ethics in Organizations	3	Foundational theories of moral evaluation and organizational principles will first be introduced. The course will encourage assessment, analysis, and argument regarding the substantial ethical issues facing modern-day institutions. These organizations may include the fields of education, corporations and non-profits, health care, politics, marketing, the media, and others. The obligations of their members and administrators to those impacted, (students, customers, patients¿), as well as social responsibility to the community will be questioned. A citizens¿ rights focus will be utilized to explore questions of justice and equality within these organizations. Additional organizational issues, such as mission, messaging, organizational culture, and the impact of cultural diversity will be considered. The challenges of personal integrity and opportunities of leadership will also be closely examined, utilizing ancient philosophical literature from Aristotle to modern day thinkers. Using classic philosophical methods to question the practices and policies of contemporary organizations, we will place a strong emphasis on ethical analysis.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
649	00196617	PHIL	1230	Food Ethics	3	This course takes an in-depth look at food, which is both very familiar and necessary for our existence. We already think about food in terms of what we like, what we can afford, and how much of it we should consume. But here we will make an ethical examination of all things related to food, exploring what we are eating, where it comes from, how we grow and process it, and how it is distributed and regulated. Several areas of consideration concern the environment, from growing methods, animal ¿production¿, and waste processing to the impact of this activity on natural habitats and native lands. And we will look at the commercial aspect of food production, such as the creation of genetically modified food, and how food is transported, manu-factured, packaged, priced, and marketed. We¿ll analyze the role of govern-ment in areas such as policy-making, food regulation, and consumer safety. In all of these areas, we¿ll address the important ethical questions: Are we creating harm by our acts of food production and the demands of our eating habits? Do we have a duty to assure that marginalized populations and those suffering from food insecurity have fair access to and ability to procure safe, healthful, real food? Should our government be accountable for providing food education to its citizens? And what of our personal accountability as consumers of food ¿ are there any moral imperatives we should follow? As each of us, both culturally and individually have a relationship with food, these are matters of significance. Can we show that it is more noble to choose organic produce? Does a vegetarian diet address the ethical concerns around eating animals to a proper extent? And what is the value of being truly aware of the impacts of food production, both locally and globally? Discussion topics could also branch out in the direction of the media¿s impact on perceived body image, the phenomenon of food obsession, the growing world-wide obesity problem, etc¿. This course will be focused on the critical evaluation of these issues to determine where moral issues present themselves and to work through how we might address those in our role as responsible citizens. We can consider how local groups address food insecurity in our community by community gardens, food banks, and community meals. We will be mindful of the diverse perspectives on food various world cultures hold in their lives. Considering the social, environmental, cultural, and ethical impacts of our food choices will help us understand how they may express our moral values.
650	00000405	PHYS	1000	Conceptual Physics	4	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)
651	00000406	PHYS	1120	Meteorology	4	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)

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
652	00000408	PHYS	1140	Energy Aspects of Our Physical Environment	3	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)
653	00000409	PHYS	1201	Principles of Physics I	5	This course is the first of an algebra-based two-semester introductory physics sequence.Topics to be covered include: motion in one and two dimensions, Newton's laws of motion, energy, momentum, rotational motion, static equilibrium, oscillations, gravitation, fluids. Concepts of right-triangle trigonometry will be introduced as needed. (4 hours lecture, 2 hours lab). Prerequisite: Successful completion of either MATH 1150 or MATH 1180 with a C or better OR eligibility for either MATH 1170 or MATH 1221 through College math placement score.
654	00000410	PHYS	1202	Principles of Physics II	5	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
655	00000959	PHYS	1220	Allied Health Physics	2	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.
656	00001441	PHYS	1990	Topics:		In this class, we will introduce topics in astronomy and apply physical laws to them. Topics include orbits, planets, light, relativity, stars, black holes, galaxies, and cosmology. For example, once black holes are introduced, you will be able to relate their mass to their Schwarzschild radii and how the of time changes near them. Once fusion is introduced, you'll be able to determine the energy given off by different fusion reactions and relate them to the luminosities of stars. For orbits, we will use computer simulations to study the effect of different arrangements and conditions. A previous class in physics or astronomy is strongly recommended. 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.
657	00001599	PHYS	1601	General Physics I	5	This is the first course of a two-semester sequence for any student needing a physics course that includes applications of calculus. Topics include kinematics, dynamics, conservation of energy and momentum, rotational motion, static equilibrium, gravitation, periodic motion and thermal physics. Optional topics are fluids and thermodynamics. The course meets requirements for students majoring in engineering, mathematics, computer science or any of the physical sciences. (4 hours lecture, 2 hours laboratory) Prerequisite: Math 1221 or consent of instructor.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
658	00001600	PHYS	1602	General Physics II	5	This course is a continuation of PHYS 1601. Topics include electricity, magnetism, DC and AC circuits, wave motion, electromagnetic waves, and optics. Optional topics include modern physics. The course meets requirements for students majoring in engineering, mathematics, computer science or any of the physical sciences. (4 hours lecture, 2 hours laboratory). Prerequisites: PHYS 1601; MATH 1222 or consent of instructor
659	00001707	PHYS	1030	Introduction to Physical Sciences	4	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.
660	00002158	PHYS	1070	Concepts of the Stars and Universe	3	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)
661	00002160	PHYS	1050	Astronomy	4	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)
662	00002176	PHYS	1060	The Solar System	3	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)
663	00002179	PHYS	1061	Solar System Lab	1	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
664	00002180	PHYS	1071	Stars and the Universe lab	1	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.
665	00193200	PHYS	1231	Principles of Physics I	4	An algebra-based course for students needing a fuller introduction to physics than would be found in a general education/survey course. Topics include straight-line and circular motion, Newtons Laws, torque & static equilibrium, conservation of energy, fluids, thermal physics & thermodynamics, periodic motion. Optional topics are free energy. Applications will be drawn from several areas, including (but not limited to) those appropriate to the biological/medical/health career fields. Concepts of right-triangle trigonometry will be introduced as needed.(3 hours lecture, 2 hours lab). Prerequisite: Completion of either MATH 1150 or MATH 1180 with a C or better OR eligibility for either MATH 1170 or MATH 1221 through College math placement score OR consent of the instructor.
666	00193201	PHYS	1232	Principles of Physics II	4	An algebra-based course for students needing a fuller introduction to physics than would be found in a general education/survey course. Topics include: wave motion, sound, optics, electricity, DC circuits, magnetism, interactions between radiation & matter. Optional topics are feedback processes. Applications will be drawn from several areas, including (but not limited to) those appropriate to the biological/medical/health career fields. This course may be taken before or after PHYS 1201. Concepts of motion, energy, and right-triangle trigonometry will be introduced as needed. (4 hours lecture, 2 hours lab). Prerequisite: Completion of either MATH 1150 or MATH 1180 with a C or better OR eligibility for either MATH 1170 or MATH 1221 through College math placement score OR consent of the instructor.
667	00001259	PLA	1020	Prior Learning Portfolio Development	1	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.
668	00001543	PLA	1010	Individualized Studies Development	2	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.
669	00144661	PLA	1025	Prior Learning Assessment (PLA) Preparation Workshop	0	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.

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
670	00000420	PLEG	1111	Introduction to Law and Paralegal Studies	3	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. PSEO students may not register for this course until they have completed all general education courses required for the Paralegal A.S. degree.
671	00000425	PLEG	2211	Legal Research and Writing I	3	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
672	00000426	PLEG	2212	Legal Research and Writing II	3	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
673	00000429	PLEG	2510	Contracts and Business Organizations	3	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
674	00000431	PLEG	2710	Wills, Trusts and Estate Administration	3	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
675	00000432	PLEG	2810	Employment Search for Paralegals	1	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
676	00000563	PLEG	2620	Property	3	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
677	00001413	PLEG	1990	Topic:	3	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.
678	00001538	PLEG	1210	Computer Applications in the Legal Profession	2	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
679	00001763	PLEG	2310	Criminal Law and Procedure	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
680	00002027	PLEG	1411	Litigation I	3	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
681	00002028	PLEG	1412	Litigation II	3	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
682	00002029	PLEG	2930	Legal Studies Seminar and Internship	3	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
683	00150255	PLEG	1330	Family Law	3	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

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
684	00150260	PLEG	1510	Intellectual Property	2	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
685	00162114	PLEG	1430	Alternative Dispute Resolution	1	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.
686	00179361	PLEG	2430	Torts & Personal Injury Law	3	This course covers the procedural and substantive law of torts and personal injury, including negligence, insurance, strict liability, products liability, and intentional torts. Students will prepare documents used in both a plaintiff and defense personal injury practice.
687	00209175	PLEG	1610	Immigration Law	3	Immigration Law aims to: (1) Introduce students to U.S. immigration law as an important and dynamic body of administrative policies and regulations with broad social, economic, and political impact; (2) Present an overview of substantive immigration law and its processes and procedures for those seeking to enter and remain in the United States as nonimmigrants and immigrants, including employment and family-based processes, waivers, humanitarian relief such as DACA, U visas for victims of crime, and asylum, defenses to deportation, and U.S. citizenship; and (3) Address the role, responsibilities, and ethics of paralegals within the field, with a focus on the practical skills needed to be successful, including client interviewing, case management and communication, factual and legal research, and case preparation (including writing cover and support letters, drafting forms, and collecting supporting evidence).
688	00000435	POLS	1100	American Government and Politics	3	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.
689	00000436	POLS	1140	State and Local Politics	3	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.
690	00000438	POLS	1600	Comparative Politics	3	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.
691	00000439	POLS	1700	World Politics	3	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.
692	00000442	POLS	2130	Constitutional Law	3	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

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1	**North Hennepin Community College Courses 2021-2022**					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
693	00001442	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.
694	00000446	PSYC	1150	General Psychology	3	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. You must meet perquisites or obtain instructor permission to take this course.
695	00000447	PSYC	1170	Psychology of Gender	3	Psychology of Gender includes the theory and research relating to sexuality, gender roles and sexual orientation.
696	00000448	PSYC	1210	Child Development	3	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.
697	00000451	PSYC	2320	Psychological Disorders	3	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. Formerly Titled: Abnormal Psychology Prerequisite: Psyc 1150 or Psyc 1160 or consent of instructor
698	00000452	PSYC	2330	Personality Psychology	3	This course provides a review of the major theories of personality which typically include the psychodynamic, behavioral, cognitive, humanistic and trait approaches. Prerequisite: Psyc 1150 or Psyc 1160 or consent of instructor
699	00001270	PSYC	1165	Psychology of Adjustment	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
700	00001383	PSYC	2340	Human Sexuality	3	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
701	00001443	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.
702	00002262	PSYC	2350	Multicultural Psychology	3	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 1150 or Psyc 1160 or consent of instructor
703	00159298	PSYC	1160	Introduction to Psychology	4	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. You must meet perquisites or obtain instructor permission to take this course.
704	00162110	PSYC	1250	Life Span Developmental Psychology	4	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. You must meet perquisites or obtain instructor permission to take this course.
705	00170247	PSYC	2110	Principles of Social Psychology	3	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
706	00181062	PSYC	2000	Statistics for the Behavioral Sciences	4	Students use basic mathematical and computerized procedures to analyze data in the behavioral sciences. Students use statistical software (e.g., SPSS, R, PSPP) to conduct descriptive and inferential data analyses. Students choose and apply statistical procedures to help to answer psychological and behavioral scientific research questions. Students read, interpret, and write APA-style Results sections for behavioral science research.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
707	00205111	PSYC	1220	Psychology of Aging	3	As a psychological journey through the stages of adulthood, this course covers the biological, psychological, and socio-emotional changes from early adulthood to the time of dying and death. Topics include, but are not limited to: theories of adult development, research methods, identity, relationships, cognitive and biological changes associated with aging, grief and loss, and death and dying. Student participation in research, service learning, and/or campus activities is expected in this class.
708	00000473	SOC	1110	Introduction to Sociology	3	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.
709	00000474	SOC	1130	Social Problems/Deviance	3	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
710	00000476	SOC	1210	Introduction to Social Work	3	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.
711	00000478	SOC	1710	Introduction to Criminal Justice	3	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.
712	00000479	SOC	1720	Police and Community	3	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.
713	00000480	SOC	1730	Juvenile Justice	3	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.

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1	North Hennepin Community College Courses 2021-2022					
2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
714	00000481	SOC	1750	Families in Crisis	3	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
715	00000482	SOC	2110	Principles of Social Psychology	3	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
716	00000484	SOC	2210	Social Inequality	3	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
717	00000489	SOC	2730	Introduction to Corrections	3	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
718	00000490	SOC	2740	Criminal Behavior	3	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
719	00000491	SOC	2800	Internship:	2	
720	00001393	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.
721	00179658	SOC	2220	Police and Human Behavior	3	Police and Human Behavior provides a practical overview of the interaction between police and the communities they serve. Topic areas include victimization, stalking, predatory offenders, drugs, hate/bias motivated crimes, domestic abuse, people with disabilities, hostages, suicide, crisis management, police officer mental health, Patriot Act, RICO, gangs, and other topics.
722	00200089	SOC	2750	Community Corrections	3	This course studies the purposes and goals of community-based corrections and explores alternatives to incarceration in centralized penal institutions. Addresses issues related to diversion programs, the management of offenders in community settings and re-entry programs. Examines the role of community corrections and restorative justice practices within the broader correctional system. Offers students insights into the daily experiences of those working in the field of community corrections.
723	00000493	SPAN	1030	Spanish and Latin American Culture	3	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.

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724	00000496	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.
725	00001444	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.
726	00001946	SPAN	1050	Spanish for Health Care Workers	3	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.
727	00144860	SPAN	1101	Beginning Spanish I	5	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.
728	00144862	SPAN	1102	Beginning Spanish II	5	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 recommended
729	00144863	SPAN	2201	Intermediate Spanish I	5	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 recommended
730	00144864	SPAN	2202	Intermediate Spanish II	5	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 recommended
731	00183085	SSAC	0925	Summer Scholars Academy Math	0	In this 16-hour mini-course you will learn, refresh and practice skills required to be a successful college student

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732	00183104	SSAC	0905	Summer Scholars Academy Reading	0	In this 16-hour mini- course you will learn, refresh and practice skills required to be a successful college student. You will improve your reading comprehension by learning and practicing active reading and learning strategies such as annotating, note taking, building vocabulary, and developing test taking skills. You will demonstrate understanding of a variety of college reading materials through writing, quizzing, discussion, and a final exam. At the end of the course, you will retake the ACCUPLACER assessment, which, combined with your course performance and instructor recommendation, will determine your fall reading placement.
733	00187698	SSAC	0900	Summer Scholars Academy FYE	0	Skills, support and exploration for success in college.
734	00001341	TFT	1200	Theatre in the Twin Cities	3	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.
735	00001342	TFT	1210	Introduction to Theatre	3	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.
736	00001343	TFT	1260	Introduction to Television	3	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.
737	00001344	TFT	1290	Design for Theatre	3	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.
738	00001346	TFT	1500	Acting I	3	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.
739	00001347	TFT	1510	Movement and Voice	3	Students will learn and incorporate a movement vocabulary and relaxed vocal projection through a series of group projects throughout the semester. Emphasis is placed on utilization of learned techniques to create character, heightened response to others on stage and to enhance stage presence.
740	00001348	TFT	1520	Acting II: Building Characters	3	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.

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2	**Curric ID**	**Subj**	**Nmbr**	**Title**	**CRHR**	**Course Description**
741	00001349	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
742	00001351	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.
743	00001358	TFT	1250	Introduction to Film	3	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.
744	00001446	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.
745	00001645	TFT	1540	Acting for the Camera	3	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.
746	00001658	TFT	1320	World Cinema	3	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.
747	00002005	TFT	1710	Oral Interpretation and Traditions	3	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.
748	00002067	TFT	1280	Introduction to Screenwriting	3	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.

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749	00002102	TFT	1350	The American Musical Theatre	3	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.
750	00002133	TFT	1270	Digital Video Production	3	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.
751	00002175	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
752	00002252	TFT	2010	Fundamentals of Directing	3	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.
753	00002253	TFT	2500	Playwriting	3	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

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754	00002304	TFT	1310	American Cinema	3	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.
755	00002305	TFT	1531	Stage Combat I	3	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.
756	00139210	TFT	1532	Stage Combat II	3	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.
757	00139295	TFT	2110	The NHCC Filmmaking Project: Capstone Class	3	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).

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758	00139776	TFT	1110	The NHCC Filmmaking Project: Student Activity Class	1	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).
759	00183165	TFT	1450	Stagecraft	3	This course introduces the student to the elements of theatrical design and it¿s implementation for a stage production. The student will gain practical experience and a working knowledge of set construction techniques, and lighting and sound equipment and their use. Safety standards will be emphasized, as well as competencies in utilizing various power and hand tools. Students will work on construction and operating crews in support of college theatre productions.
760	00183177	TFT	2150	Play Analysis	3	This course will introduce the student to a variety of plays that will be read and analyzed for content, meaning, structure, genre and historical context. Focus will include looking at the script as a blueprint for theatrical production from several different points of view, as well as analyzing the text utilizing various techniques and methodologies.
761	00183258	TFT	2550	Acting II	3	Continued exploration of the intuitive and imaginative techniques from Acting I with added scene work by American and European playwrights. Work begins with but moves away from simple evaluated scenes and includes specific vocal and physical character choices and script analysis. Advanced partnering skills and inside referent works are explored. Exercises are used to create an imaginative relationship to your partner with flexibility and precision. Students will hone ability to assess properties of effective acting using objective criteria in critique sessions. Class also includes lessons on professional etiquette, the business of acting and ensemble building.