



NORTH HENNEPIN

COMMUNITY COLLEGE

A member of Minnesota State

2026-2027

Academic Programs and Courses

Degrees and Certificates:

- .Net Programming Certificate
- Accounting, Management and Computer Information Systems Certificate
- Accounting Skills Certificate
- Accounting Technology AAS
- Accounting Transfer Pathway AS
- American Sign Language Certificate
- Application Programming Certificate
- Art Transfer Pathway, AFA
- Biology Transfer Pathway AS
- Building Inspection Technology Certificate
- Business Communications and Technology Essentials Certificate
- Business Computer Systems and Management AAS
- Business Computer Systems and Management AS
- Business Transfer Pathway AS
- Chemistry Transfer Pathway AS
- Communication and Computers Skills Certificate
- Communication Studies Transfer Pathway AA
- Computer Science Transfer Pathway AS
- Construction Management Certificate
- Construction Management and Supervision AS
- Construction Quality Assurance and Quality Control Certificate
- Construction Technology AAS
- Construction Technology AS
- Creative Writing AFA
- Criminal Justice Transfer Pathway AS
- Cybersecurity Certificate
- Data Science AS
- Digital Knowledge Analysis Certificate
- Diversity, Equity, and Inclusion Certificate
- Economics Transfer Pathway AA
- Elementary Education Foundations Transfer Pathway AS
- Engineering Broad Field AS
- English Language for Academic Purposes Certificate
- Entrepreneurship AAS
- Entrepreneurship Certificate
- Exercise Science Transfer Pathway AS
- Finance and Investments Certificate
- Finance Management AAS
- Game Programming Certificate
- Gender and Women's Studies Emphasis AA
- Graphic Design AS
- Health AS
- Health Sciences Broad Field AS
- Human Services AS
- Individualized Studies AS
- Internet Programming Certificate
- Liberal Arts and Sciences AA
- Management AAS
- Marketing Specialist AAS
- Marketing Specialist Certificate
- Mass Communication Transfer Pathway AA
- Mathematics Transfer Pathway AA
- Medical Laboratory Technology AAS
- Microsoft Office Essentials Certificate

- Microsoft Office Principles Certificate
- Microsoft Office Specialist Certificate
- Music AFA
- Nursing AS
- Nursing Mobility AS
- Nutrition AS
- Object-Oriented Programming Certificate
- Outdoor and Environmental Leadership AA
- Paralegal AS
- Paralegal Certificate
- Peace Officer/Public Safety Transfer Pathway AS
- Personal Training Certificate
- Phlebotomy Technician Certificate
- Pre-Social Work Transfer Pathway AS
- Project Management Essentials Certificate
- Psychology Transfer Pathway AA
- Sociology Transfer Pathway
- Special Education Transfer Pathway AS
- Theatre Transfer Pathway AFA
- Video Game Studies Certificate
- Web Graphic Design, Programming, and E-Commerce Certificate
- Written Communication Technologies Certificate

Associate Degree Programs

Associate of Arts (A.A.) Degree

The Associate of 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's degree program. The Associate of 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 encouraged 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:

- Complete 40 credits in the Minnesota Transfer Curriculum, satisfying the requirements for each of the 10 goal areas.
- Earn a minimum of 15 semester credits of the 60 semester credits required for the A.A. Degree at NHCC.
- Earn a cumulative grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- 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.
- Complete 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.

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

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

North Hennepin Community College offers the following A.A. Degree Programs:

- Communication Studies Transfer Pathway
- Economics Transfer Pathway
- Gender and Women's Studies Emphasis
- Liberal Arts and Sciences
- Mass Communication Transfer Pathway
- Mathematics Transfer Pathway
- Outdoor and Environmental Leadership
- Psychology Transfer Pathway
- Sociology Transfer Pathway

Associate of Fine Arts (A.F.A.) Degree

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.

In order to graduate, a student shall:

- 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.
- 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.
- Earn a cumulative grade point average of 2.00 (C) or higher in courses taken at North Hennepin Community College.
- 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.
- Have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of the MnTC and/or the completion of 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
- Theatre Transfer Pathway

Associate of Science (A.S.) Degree

The Associate of 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 a transfer 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:

- 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.
- 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.
- Grades of A, B, C, and D are accepted in the degree; however a cumulative grade point average is required to complete the degree.
- Earn 30 credits in at least six of the 10 goal areas.
- Earn additional professional/technical credits.
- Students have four years to complete the graduation requirements as published in the catalog in effect at the time of their initial enrollment. Students taking longer than four years to complete their graduation requirements may follow any catalog published during the four-year period preceding their graduation.

Completion of the MnTC and/or the completion of 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 Computer Systems and Management
- Business Transfer Pathway
- Chemistry Transfer Pathway
- Computer Science Transfer Pathway
- Construction Management and Supervision
- Construction Technology
- Criminal Justice Transfer Pathway
- Data Science
- Elementary Education Foundations Transfer Pathway
- Engineering Broadfield
- Exercise Science Transfer Pathway
- Graphic Design
- Health
- Health Sciences Broad Field
- Human Services
- Individualized Studies
- Nursing
- Nursing Mobility
- Nutrition
- Paralegal
- Peace Officer/Public Safety Transfer Pathway
- Pre-Social Work Transfer Pathway
- Special Education Transfer Pathway

Associate of Applied Science (A.A.S.) Degree

The Associate of 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 10 goal areas of the Minnesota Transfer Curriculum (MnTC). Many of the A.A.S. degree programs have transfer (articulation) agreements with four-year institutions for transfer of the program.

In order to graduate, 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 the professional/technical courses at North Hennepin Community College.
- Earn 20 credits in at least three of the 10 MnTC goal areas.
- Earn 40 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 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 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 Specialist
- Medical Laboratory Technology

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:

Complete courses in the certificate program with a minimum grade point average of 2.00 (C).

Complete at least one-third of the total credits required for each certificate at North Hennepin Community College. Students have two years to complete the certificate requirements as published in the catalog in effect at the time of their 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:

- Accounting, Management, and Computer Information Systems
- Accounting Skills
- American Sign Language
- Application Programming
- Building Inspection Technology
- Business, Communications, and Technology
- Communication and Computers Skills
- Construction Management
- Construction Quality Assurance and Quality Control
- Cybersecurity
- Digital Knowledge Analysis
- Diversity, Equity, and Inclusion
- English Language for Academic Purposes
- Entrepreneurship
- Finance and Investments
- Game Programming
- Internet Programming
- Marketing Specialist
- Microsoft Office Essentials
- Microsoft Office Principles
- Microsoft Office Specialist
- .Net Programming
- Object-Oriented Programming
- Paralegal
- Personal Training
- Phlebotomy Technician Certificate
- Project Management Essentials
- Video Game Studies Certificate
- 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:

SUBJ	COU_NBR	TITLE	CRHR	GOAL_ID
COMM	1010	Fundamentals of Public Speaking	3	01
COMM	1110	Principles of Interpersonal Communication	3	01
COMM	1210	Small Group Communication	3	01
COMM	1550	Video Game Entertainment	3	01
COMM	1610	Introduction to Mass Communication	3	01
COMM	1810	Introduction to Health Communication	3	01
COMM	1910	Argumentation and Public Advocacy	3	01
COMM	2610	Introduction to Public Relations and Strategic Communication	3	01
ENGL	1200	Gateway College Writing	4	01
ENGL	1201	College Writing I	4	01
ENGL	1202	College Writing II	2	01
ENGL	1203	College Writing II with Workshop	2	01
ENGL	1800	Introduction to Journalism	3	01

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 in order to develop students' awareness of their own thinking and problem-solving procedures. To integrate new skills into their customary ways of thinking, students must be actively engaged in practicing thinking skills and applying them to open-ended problems.

MnTC Approved Courses for Goal Area 2:

SUBJ	COU NBR	TITLE	CRHR	GOAL_ID
ADEV	1950	Reading Texts Critically	3	02
COMM	1910	Argumentation and Public Advocacy	3	02
COMM	2610	Introduction to Public Relations and Strategic Communication	3	02
CSCI	2010	Discrete Mathematical Structures	4	02
ENGL	1202	College Writing II	2	02
ENGL	1203	College Writing II with Workshop	2	02
GCST	2025	DEI Research	4	02
HIST	1010	World History: Origins to 1300	3	02
HIST	1020	World History: 1300 to Present	3	02
HIST	1110	History of Western Civilization Pre 1550	3	02
HIST	1120	History of Western Civilization 1550 to Present	3	02
HIST	1200	History of United States Through 1877	3	02
HIST	1230	U.S. Labor History	3	02
HONR	1000	Honors Seminar	1	02
MATH	1210	Applied Statistics	4	02
MATH	2000	Discrete Mathematical Structures	4	02
PHIL	1110	Informal Reasoning for Problem Solving	3	02
PHIL	1220	Health Care Ethics	3	02
PSYC	2000	Statistics for the Behavioral Sciences	4	02
TFT	1500	Acting I	3	02
TFT	1510	Movement and Voice	3	02
TFT	1600	Theatre Practicum: Performance	varied credit 1-3	02
TFT	1610	Theatre Practicum: Technical	1	02
TFT	2150	Play Analysis	3	02
TFT	2550	Acting II	3	02

Goal Area 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 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.

MnTC Approved Courses for Goal Area 3:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3	03
BIOL	1000	Life Science	4	03
BIOL	1001	Biology I	4	03
BIOL	1101	Principles of Biology I	4	03
BIOL	1102	Principles of Biology II	4	03
BIOL	1120	Human Biology	3	03
BIOL	1130	Human Biology with a Lab	4	03
BIOL	1350	Biology of Women	3	03
BIOL	1360	Biology of Women with a Lab	4	03
BIOL	2100	Microbiology	4	03
BIOL	2111	Human Anatomy and Physiology I	4	03
BIOL	2112	Human Anatomy and Physiology II	4	03
BIOL	2360	Genetics	4	03
BIOL	2610	General Ecology	4	03
CHEM	1000	Chemistry and Society	4	03
CHEM	1005	Chemistry for Healthcare Professionals	3	03
CHEM	1010	Introduction to Chemistry	4	03
CHEM	1030	Introduction to Physical Sciences	4	03
CHEM	1061	Principles of Chemistry I	4	03
CHEM	1062	Principles of Chemistry II	4	03
CHEM	2061	Organic Chemistry I	5	03
GEOG	1010	Physical Geography	3	03
NSCI	1000	Conceptual Physics	4	03
NSCI	1010	Science of Disaster Workshop I	1	03
NSCI	1020	Science of Disaster Workshop II	1	03
NSCI	1030	Science of Disaster Workshop III	1	03
NSCI	1050	Astronomy	4	03
NSCI	1060	The Solar System	3	03
NSCI	1061	Solar System Lab	1	03
NSCI	1070	Concepts of the Stars and Universe	3	03
NSCI	1071	Stars and the Universe Lab	1	03
NSCI	1100	Physical Geology	4	03
NSCI	1120	Meteorology	4	03
NSCI	1140	Historical Geology	4	03

NSCI	1200	Oceanography	3	03
NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	03
PHYS	1000	Conceptual Physics	4	03
PHYS	1030	Introduction to Physical Sciences	4	03
PHYS	1050	Astronomy	4	03
PHYS	1060	The Solar System	3	03
PHYS	1070	Concepts of the Stars and Universe	3	03
PHYS	1120	Meteorology	4	03
PHYS	1231	Principles of Physics I	4	03
PHYS	1232	Principles of Physics II	4	03
PHYS	1601	General Physics I	5	03
PHYS	1602	General Physics II	5	03

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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
CSCI	2010	Discrete Mathematical Structures	4	04
MATH	1010	Survey of Mathematics	3	04
MATH	1031	Math for Elementary Education I	3	04
MATH	1032	Math for Elementary Education II	3	04
MATH	1111	Gateway Statistics	3	04
MATH	1120	College Algebra	3	04
MATH	1130	Elementary Statistics	3	04
MATH	1140	Finite Mathematics	3	04
MATH	1150	College Algebra	3	04
MATH	1170	Pre-Calculus	4	04
MATH	1171	Pre-Calculus I	4	04
MATH	1172	Pre-Calculus II	4	04
MATH	1180	College Algebra and Pre-Calculus	5	04
MATH	1210	Applied Statistics	4	04
MATH	1221	Calculus I	5	04
MATH	1222	Calculus II	5	04
MATH	2000	Discrete Mathematical Structures	4	04
MATH	2011	Probability and Statistics	4	04

MATH	2220	Calculus III	5	04
MATH	2300	Linear Algebra	4	04
MATH	2400	Differential Equations	4	04
PHIL	1050	Introduction to Logic	3	04

Goal Area 5: History and the Social and Behavioral Sciences

Goal: To increase students' 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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ANTH	1010	Introduction to Anthropology: Cultural Anthropology	3	05
ANTH	1130	The Archaeology of Ancient Europe	3	05
ANTH	1140	Anthropology of Religion	3	05
ECON	1050	Economics of Crime	3	05
ECON	1060	Principles of Macroeconomics	3	05
ECON	1070	Principles of Microeconomics	3	05
GCST	1350	Immigration and Society	3	05
GCST	1490	Dave Larsen American Indian Immersion Experience	4	05
GEOG	1020	United States Geography	3	05
GEOG	1040	Human Geography	3	05
GEOG	1100	World Geography	3	05
GWS	1501	Introduction to Gender and Women's Studies	3	05
GWS	1503	Analyzing Gender Identities	3	05
GWS	1505	Women and War	3	05
GWS	1509	Global Feminism	3	05
HIST	1010	World History: Origins to 1300	3	05
HIST	1020	World History: 1300 to Present	3	05
HIST	1110	History of Western Civilization Pre 1550	3	05
HIST	1120	History of Western Civilization 1550 to Present	3	05
HIST	1200	History of United States Through 1877	3	05
HIST	1210	History of the United States Since 1877	3	05
HIST	1230	U.S. Labor History	3	05
HIST	1270	Race in America	3	05

HIST	2500	World Regional History	3	05
HIST	2700	History and Popular Culture	3	05
POLS	1000	Introduction to Political Science	3	05
POLS	1100	American Government and Politics	3	05
POLS	1140	State and Local Politics	3	05
POLS	1600	Comparative Politics	3	05
POLS	1700	World Politics	3	05
POLS	2130	Constitutional Law	3	05
PSYC	1150	General Psychology	3	05
PSYC	1160	Introduction to Psychology	4	05
PSYC	1165	Psychology of Adjustment	3	05
PSYC	1170	Psychology of Gender	3	05
PSYC	1210	Child Development	3	05
PSYC	1220	Psychology of Aging	3	05
PSYC	1250	Life Span Developmental Psychology	4	05
PSYC	2000	Statistics for the Behavioral Sciences	4	05
PSYC	2110	Principles of Social Psychology	3	05
PSYC	2320	Psychological Disorders	3	05
PSYC	2330	Personality Psychology	3	05
PSYC	2340	Human Sexuality	3	05
PSYC	2350	Multicultural Psychology	3	05
PSYC	2360	Psychology, Race, and Law	3	05
SOC	1110	Introduction to Sociology	3	05
SOC	1710	Introduction to Criminal Justice	3	05
SOC	1750	Families in Crisis	3	05
SOC	2110	Principles of Social Psychology	3	05
SOC	2210	Social Inequality	3	05

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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ARBC	1000	Arabic I	5	06
ARBC	1030	Arab Cultures	3	06
ARBC	1100	Arabic II	5	06
ARBC	2000	Arabic III	5	06
ART	1010	Art Museum Tour: European Art	1	06
ART	1020	Art Museum Tour: World Art	1	06
ART	1040	Art Appreciation	3	06
ART	1050	Foundation of Digital Imaging	3	06
ART	1101	Photography I	3	06
ART	1102	Photography II	3	06
ART	1160	Digital Photography	3	06
ART	1270	Digital Video Production	3	06
ART	1301	Two Dimensional Design I	3	06
ART	1302	Two Dimensional Design II	3	06
ART	1310	Three Dimensional Design	3	06
ART	1340	Fundamentals of Color	3	06
ART	1361	Ceramics I	3	06
ART	1362	Ceramics II	3	06
ART	1401	Drawing I	3	06
ART	1402	Drawing II	3	06
ART	1601	Art History I: Ancient to Medieval	3	06
ART	1602	Art History II: 15th Century to Contemporary	3	06
ART	1650	Architectural History	2	06
ART	1810	Studio Art Workshop	1	06
ART	2611	Painting I	3	06

ART	2612	Painting II	3	06
ART	2900	Studio Arts Capstone Practicum	1	06
COMM	1550	Video Game Entertainment	3	06
ENGL	1250	Magazine Workshop	2	06
ENGL	1900	Introduction to Creative Writing	3	06
ENGL	1950	Graphic Novels	3	06
ENGL	2010	Writing Creative Non-Fiction and Memoir	3	06
ENGL	2020	Writing Stories	3	06
ENGL	2030	Writing Poetry	3	06
ENGL	2150	Introduction to Literary Studies	3	06
ENGL	2250	Japanese Literature	3	06
ENGL	2270	Modern American Literature	3	06
ENGL	2300	Children's Literature	3	06
ENGL	2320	Writing: From Structure to Style	3	06
ENGL	2330	Hmong American Literature	3	06
ENGL	2340	Nature in Literature	3	06
ENGL	2350	Women and Literature	3	06
ENGL	2360	Global Literary Perspectives	3	06
ENGL	2370	African American Literature	3	06
ENGL	2380	American Indian Literature	3	06
ENGL	2390	Work in American Literature	3	06
ENGL	2400	Utopian/Dystopian Literature	3	06
ENGL	2410	US Latinx and Latin American Literature	3	06
ENGL	2450	Survey of American Literature I	3	06
ENGL	2460	Survey of American Literature II	3	06
ENGL	2500	Playwriting	3	06
ENGL	2540	Introduction to Literary Studies: Reading Poetry	3	06
ENGL	2550	Survey of British Literature I	3	06
ENGL	2560	Survey of British Literature II	3	06
ENGL	2570	Introduction to Literary Studies: Reading Plays	3	06
ENGL	2580	Shakespeare's Plays	3	06
ENGL	2590	Introduction to Literary Studies: American Short Story	3	06
ENGL	2900	Fantasy Literature	3	06
ENGL	2950	Mystery and Detective Fiction	3	06
GCST	1030	Introduction to Japanese Culture	3	06
GCST	1978	American Indian Cultural Expression	3	06
GCST	2250	Japanese Literature	3	06

GCST	2410	US Latinx and Latin American Literature	3	06
MUSC	1130	Concert Choir	1	06
MUSC	1150	Chamber Singers	1	06
MUSC	1160	Large Instrumental Ensemble	1	06
MUSC	1170	Instrumental Jazz Ensemble	1	06
MUSC	1180	Small Group Performance Ensemble	1	06
MUSC	1190	Garage Band	2	06
MUSC	1200	Fundamentals of Music	3	06
MUSC	1210	Songwriting	2	06
MUSC	1220	Music Appreciation	3	06
MUSC	1241	Music Theory I	3	06
MUSC	1242	Music Theory II	3	06
MUSC	1300	Music in World Cultures	3	06
MUSC	1350	History of Rock and Roll	3	06
MUSC	1370	Video Game Music	3	06
MUSC	1501	Class Guitar I	2	06
MUSC	1510	Applied Music: Guitar	1	06
MUSC	1600	Class Voice	2	06
MUSC	1610	Applied Music: Voice	1	06
MUSC	1801	Class Piano I	2	06
MUSC	1802	Class Piano II	2	06
MUSC	1810	Applied Music: Piano	1	06
MUSC	1830	Applied Music: Strings	1	06
MUSC	1850	Applied Music: Percussion	1	06
MUSC	1860	Applied Music: Brass	1	06
MUSC	1870	Applied Music: Woodwinds	1	06
MUSC	2010	Advanced Applied Music Lessons	2	06
MUSC	2170	History of Music I: Medieval Through Classical Eras	3	06
MUSC	2180	History of Music II: Romantic Era to the 21st Century	3	06
MUSC	2241	Music Theory III	3	06
MUSC	2242	Music Theory IV	3	06
MUSC	2970	Music Tour	1	06
PHIL	1010	Introduction to Philosophy	3	06
PHIL	1020	Ethics	3	06
PHIL	1070	Political Philosophy	3	06
PHIL	1080	Comparative World Religions	3	06
PHIL	1120	Ethics in Organizations	3	06
PHIL	1200	Environmental Philosophy	3	06

PHIL	1210	Global Justice, Peace and Conflict	3	06
PHIL	1220	Health Care Ethics	3	06
PHIL	1230	Food Ethics	3	06
SOC	2730	Introduction to Corrections	3	06
SPAN	1030	Spanish and Latin American Culture	3	06
SPAN	2201	Intermediate Spanish I	5	06
SPAN	2202	Intermediate Spanish II	5	06
TFT	1200	Theatre in the Twin Cities	3	06
TFT	1210	Introduction to Theatre	3	06
TFT	1250	Introduction to Film	3	06
TFT	1260	Introduction to Television	3	06
TFT	1270	Digital Video Production	3	06
TFT	1280	Introduction to Screenwriting	3	06
TFT	1290	Design for Theatre	3	06
TFT	1310	American Cinema	3	06
TFT	1320	World Cinema	3	06
TFT	1350	The American Musical Theatre	3	06
TFT	1450	Stagecraft	3	06
TFT	1500	Acting I	3	06
TFT	1510	Movement and Voice	3	06
TFT	1531	Stage Combat I	3	06
TFT	1532	Stage Combat II	3	06
TFT	1540	Acting for the Camera	3	06
TFT	1600	Theatre Practicum: Performance	variable credit 1-3	06
TFT	1610	Theatre Practicum: Technical	1	06
TFT	2010	Fundamentals of Directing	3	06
TFT	2150	Play Analysis	3	06
TFT	2500	Playwriting	3	06
TFT	2550	Acting II	3	06

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 7A:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ANTH	1140	Anthropology of Religion	3	7A
ASL	1300	Deaf Culture	3	7A
COMM	1110	Principles of Interpersonal Communication	3	7A
COMM	1210	Small Group Communication	3	7A
COMM	1310	Intercultural Communication	3	7A
ENGL	2300	Children's Literature	3	7A
ENGL	2320	Writing: From Structure to Style	3	7A
ENGL	2350	Women and Literature	3	7A
ENGL	2360	Global Literary Perspectives	3	7A
ENGL	2370	African American Literature	3	7A
ENGL	2380	American Indian Literature	3	7A
ENGL	2410	US Latinx and Latin American Literature	3	7A
ENGL	2450	Survey of American Literature I	3	7A
ENGL	2460	Survey of American Literature II	3	7A
ENGL	2570	Introduction to Literary Studies: Reading Plays	3	7A
ENGL	2900	Fantasy Literature	3	7A
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	3	7A
GCST	1220	Practical Applications of Traditional Aikido	2	7A
GCST	1301	Introduction to Ethnic Studies	3	7A
GCST	1320	Community Organizing I	3	7A
GCST	1350	Immigration and Society	3	7A
GCST	1380	Personal Story Telling	2	7A
GCST	1700	Foundations of Racial Justice	3	7A
GCST	1970	Environmental Justice and Nature Immersion Experience	4	7A
GCST	1978	American Indian Cultural Expression	3	7A
GCST	2410	US Latinx and Latin American Literature	3	7A
HIST	1210	History of the United States Since 1877	3	7A
HIST	1270	Race in America	3	7A
PSYC	2110	Principles of Social Psychology	3	7A
SOC	2110	Principles of Social Psychology	3	7A
SOC	2210	Social Inequality	3	7A
TFT	1210	Introduction to Theatre	3	7A
TFT	1310	American Cinema	3	7A

TFT	2950	Theatre Appreciation Field Trip	variable credit 1-3	7A
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Goal Area 7: Race, Power, and Justice

Goal: To build knowledge and understanding of historic and contemporary structures of racism in the United States, which systemically shape complex social, political, economic, and environmental inequities experienced by marginalized groups and identities, and promote agency to address matters of structural inequality.

MnTC Approved Course for Goal Area 7B:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
GCST	1964	African American Civil Rights Immersion Experience	4	7B
GCST	2000	Theories of Race and Ethnicity	3	7B
GCST	2025	DEI Research	4	7B
GCST	2065	Diversity, Equity, and Inclusion	3	7B
GEOG	1020	United States Geography	3	7B
GWS	1501	Introduction to Gender and Women's Studies	3	7B
HIST	1200	History of United States Through 1877	3	7B
PSYC	1165	Psychology of Adjustment	3	7B
PSYC	1170	Psychology of Gender	3	7B
SOC	1110	Introduction to Sociology	3	7B
SOC	1130	Social Problems	3	7B
TFT	1350	The American Musical Theatre	3	7B

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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ANTH	1010	Introduction to Anthropology: Cultural Anthropology	3	08
ARBC	1000	Arabic I	5	08
ARBC	1030	Arab Cultures	3	08
ARBC	1100	Arabic II	5	08

ARBC	2000	Arabic III	5	08
ART	1040	Art Appreciation	3	08
ART	1601	Art History I: Ancient to Medieval	3	08
ART	1602	Art History II: 15th Century to Contemporary	3	08
ART	1650	Architectural History	2	08
ASL	1101	American Sign Language I (ASL I)	4	08
ASL	1102	American Sign Language II (ASL II)	4	08
ASL	2201	Intermediate American Sign Language (ASL III)	4	08
ASL	2202	Intermediate American Sign Language (ASL IV)	4	08
COMM	1310	Intercultural Communication	3	08
EAP	1230	College Reading and Studying Skills	4	08
EAP	1260	College Writing Skills Development	4	08
EAP	1280	Listening and Speaking for College Success	4	08
ECON	1060	Principles of Macroeconomics	3	08
ENGL	2250	Japanese Literature	3	08
ENGL	2400	Utopian/Dystopian Literature	3	08
ENGL	2550	Survey of British Literature I	3	08
ENGL	2560	Survey of British Literature II	3	08
ENGL	2580	Shakespeare's Plays	3	08
GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	3	08
GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	3	08
GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III	3	08
GCST	2250	Japanese Literature	3	08
GCST	2320	Leadership through Social Change	3	08
GEOG	1040	Human Geography	3	08
GEOG	1100	World Geography	3	08
GWS	1502	Human Trafficking	3	08
GWS	1509	Global Feminism	3	08
HIST	1010	World History: Origins to 1300	3	08
HIST	1020	World History: 1300 to Present	3	08
HIST	1110	History of Western Civilization Pre 1550	3	08
HIST	1120	History of Western Civilization 1550 to Present	3	08
HIST	2500	World Regional History	3	08

MUSC	1220	Music Appreciation	3	08
MUSC	1300	Music in World Cultures	3	08
MUSC	2170	History of Music I: Medieval Through Classical Eras	3	08
MUSC	2180	History of Music II: Romantic Era to the 21st Century	3	08
PHIL	1010	Introduction to Philosophy	3	08
PHIL	1080	Comparative World Religions	3	08
PHIL	1210	Global Justice, Peace and Conflict	3	08
POLS	1600	Comparative Politics	3	08
POLS	1700	World Politics	3	08
PSYC	2350	Multicultural Psychology	3	08
SPAN	1030	Spanish and Latin American Culture	3	08
SPAN	1101	Beginning Spanish I	5	08
SPAN	1102	Beginning Spanish II	5	08
SPAN	2201	Intermediate Spanish I	5	08
SPAN	2202	Intermediate Spanish II	5	08
TFT	1260	Introduction to Television	3	08
TFT	2150	Play Analysis	3	08

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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
COMM	1610	Introduction to Mass Communication	3	09
COMM	1810	Introduction to Health Communication	3	09
COMM	2610	Introduction to Public Relations and Strategic Communication	3	09
ECON	1050	Economics of Crime	3	09
ENGL	1800	Introduction to Journalism	3	09
ENGL	2390	Work in American Literature	3	09
ENGL	2950	Mystery and Detective Fiction	3	09

GCST	1211	The History, Philosophy, and Practice of Traditional Aikido I	3	09
GCST	1212	The History, Philosophy and Practice of Traditional Aikido II	3	09
GCST	1213	The History, Philosophy, and Practice of Traditional Aikido III	3	09
GCST	1220	Practical Applications of Traditional Aikido	2	09
GCST	1301	Introduction to Ethnic Studies	3	09
GCST	1320	Community Organizing I	3	09
GCST	1490	Dave Larsen American Indian Immersion Experience	4	09
GCST	1964	African American Civil Rights Immersion Experience	4	09
GCST	2000	Theories of Race and Ethnicity	3	09
GCST	2025	DEI Research	4	09
GCST	2065	Diversity, Equity, and Inclusion	3	09
GCST	2970	Outdoor Experiential Program Leadership	4	09
GWS	1502	Human Trafficking	3	09
GWS	1503	Analyzing Gender Identities	3	09
GWS	1505	Women and War	3	09
HIST	1230	U.S. Labor History	3	09
HIST	2700	History and Popular Culture	3	09
PHIL	1020	Ethics	3	09
PHIL	1070	Political Philosophy	3	09
PHIL	1110	Informal Reasoning for Problem Solving	3	09
PHIL	1120	Ethics in Organizations	3	09
PHIL	1220	Health Care Ethics	3	09
POLS	1000	Introduction to Political Science	3	09
POLS	1100	American Government and Politics	3	09
POLS	1140	State and Local Politics	3	09
PSYC	1160	Introduction to Psychology	4	09
PSYC	2360	Psychology, Race, and Law	3	09
TFT	1320	World Cinema	3	09

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:

SUBJ	COU_NBR	TITLE	CREDITS	GOAL
ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	3	10
ANTH	1130	The Archaeology of Ancient Europe	3	10
CHEM	1000	Chemistry and Society	4	10
CHEM	1005	Chemistry for Healthcare Professionals	3	10
CHEM	1010	Introduction to Chemistry	4	10
ENGL	2340	Nature in Literature	3	10
GCST	1030	Introduction to Japanese Culture	3	10
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	3	10
GCST	1970	Environmental Justice and Nature Immersion Experience	4	10
GCST	2320	Leadership through Social Change	3	10
GEOG	1010	Physical Geography	3	10
NSCI	1140	Historical Geology	4	10
NSCI	1200	Oceanography	3	10
NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	2	10
PHIL	1200	Environmental Philosophy	3	10
PHIL	1230	Food Ethics	3	10
PSYC	1220	Psychology of Aging	3	10
SOCI	1130	Social Problems	3	10

.Net Programming Certificate

The .NET Programming Certificate program is ideal for students who want to acquire skills needed for .NET programming, web programming, and web site development.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1040	Fundamentals of Structured Query Language (SQL)	View-CSCI 1040		3
CSCI 1150	Programming in C# for .NET	View-CSCI 1150		4
CSCI 2060	Web Programming in ASP.NET	View-CSCI 2060		4
1 course from CSCI1020, CSCI1025				
CSCI 1020	Beginning Web Page Programming OR	View-CSCI 1020		1
CSCI 1025	Responsive Web Design	View-CSCI 1025		1

NHCC Residency and GPA

4 Credits must be earned at NHCC

Total Credits Required

12

Program Overview

2026-2027

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 Outcomes

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

- Designing appealing and functional user interfaces

Intellectual and Practical Skills, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [.Net Programming Certificate](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

30 N. LaSalle Street, Suite 2400

Chicago, IL 60602-2504

1-800-621-7440

Accounting Skills Certificate

The Accounting Skills Certificate is for students to learn basic accounting, computer, and business communication skills to enter the workforce in an entry-level accounting position.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
ACCT 2230	Computerized Accounting with QuickBooks	View-ACCT 2230		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3

NHCC Residency and GPA

5 Credits must be earned at NHCC

Total Credits Required

16

Program Overview

2026-2027

This certificate is for students to learn basic accounting, computer, and business communication skills to enter the workforce 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 Outcomes

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- **[Accounting Skills Certificate Program Roadmap Part Time](#)**
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Accounting Technology AAS

The Accounting Technology AAS program is designed for students interested in employment as a staff accountant, accounts payable specialist, accounts receivable specialist, payroll specialist, or general ledger accountant. The program features hands-on and hybrid learning.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
BUS 1100	Introduction to Business	View-BUS 1100		3
BUS 1300	Legal Environment of Business	View-BUS 1300		3
BUS 2200	Principles of Management	View-BUS 2200		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3

Program Courses - Accounting Specialty

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
ACCT 2112	Managerial Accounting	View-ACCT 2112		4
ACCT 2230	Computerized Accounting with QuickBooks	View-ACCT 2230		3
ACCT 2270	Accounting Employment Skills	View-ACCT 2270		1
ACCT 2300	Accounting Capstone	View-ACCT 2300		4
ACCT 2310	Accounting Internship	View-ACCT 2310		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2

MnTC Electives

MnTC Electives from at least 3 MnTC Goal Areas
(The MnTC Electives selected must total a minimum of 8 credits.)

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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

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

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Accounting Technology AAS Program Roadmap Full Time](#)
- [Accounting Technology AAS Program Roadmap Part Time](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer 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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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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Chicago, IL 60602-2504

1-800-621-7440

Accounting Transfer Pathway AS

The Accounting Transfer Pathway Associate of Science degree is designed for students who are interested in transferring after graduation to pursue a bachelor's degree in accounting.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
ACCT 2112	Managerial Accounting	View-ACCT 2112		4
BUS 1300	Legal Environment of Business	View-BUS 1300		3
BUS 2200	Principles of Management	View-BUS 2200		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3

Required Accounting Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2230	Computerized Accounting with QuickBooks	View-ACCT 2230		3
ACCT 2300	Accounting Capstone	View-ACCT 2300		4
CIS 1220	Decision Making Excel	View-CIS 1220		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
		View-		
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3
		View-		
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3

MnTC Electives

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

15 Credits must be earned at NHCC	
Total Credits Required	60

Program Overview

2026-2027

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

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 Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Accounting Transfer Pathway AS Program Roadmap Full Time](#)
 - [Accounting Transfer Pathway AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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30 N. LaSalle Street, Suite 2400

Chicago, IL 60602-2504

1-800-621-7440

Accounting, Management, and Computer Systems Certificate

The Accounting, Management, and Computer Information Systems Certificate is designed to provide a foundation in the study of accounting, business, and computer information systems.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting AND	View-ACCT 2111		4
BUS 2200	Principles of Management AND	View-BUS 2200		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3
Total Credits Required		10		

Program Overview

2026-2027

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 Outcomes

Upon completion of this certificate, students will be able to:

1. 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. (NHCC ELOs 1, 2, 4)
 2. Within the context of the topics covered, exercise judgment to solve real-world accounting problems using accounting data (NHCC ELOs 3, 4)
 3. Analyze managerial cases in planning, organizing, directing, and controlling and apply basic management concepts to develop proactive solutions (NHCC ELOs 2, 4)
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Accounting, Management, and Computer Systems Certificate Program Roadmap Full Time**](#)

- **Accounting, Management, and Computer Systems Certificate Program Roadmap Part Time**
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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American Sign Language Certificate

Diversify your communication skills with the American Sign Language (ASL) Certificate. Students will equip themselves with basic tools to communicate with Deaf and Hard-of-Hearing individuals, including the use of expressive fingerspelling, signing, and conversational behaviors.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ASL 1101	American Sign Language I (ASL I)	View-ASL 1101	08	4
ASL 1102	American Sign Language II (ASL II)	View-ASL 1102	08	4
ASL 1300	Deaf Culture	View-ASL 1300	7A	3
ASL 1400	Fingerspelling and Numbers	View-ASL 1400		3
ASL 2201	Intermediate American Sign Language (ASL III)	View-ASL 2201	08	4
ASL 2202	Intermediate American Sign Language (ASL IV)	View-ASL 2202	08	4

NHCC Residency and GPA

7 Credits must be earned at NHCC

Total Credits Required

22

Program Overview

2026-2027

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 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 making appropriate choices within various contexts involved.

Integrative Learning:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [American Sign Language Certificate Program Roadmap](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Application Programming Certificate

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

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Courses - 12 credits				
CSCI 1120	Programming in C/C++ OR	View-CSCI 1120		4
CSCI 1130	Introduction to Programming in Java (CS0) OR	View-CSCI 1130		4
CSCI 1150	Programming in C# for .NET OR	View-CSCI 1150		4
CSCI 2001	Object Oriented Programming (CS1) OR	View-CSCI 2001		4
CSCI 2002	Data Structures and Algorithms (CS2) OR	View-CSCI 2002		4
CSCI 2020	Computer Architecture OR	View-CSCI 2020		4
CSCI 2060	Web Programming in ASP.NET	View-CSCI 2060		4

NHCC Residency and GPA

4 Credits must be earned at NHCC

Program Overview

2026-2027

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

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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Application Programming Roadmap](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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Art Transfer Pathway AFA

The Art Transfer Pathway AFA degree is designed to transfer credits to designated Art bachelor's degree programs at Minnesota State universities. Students will gain a solid foundation in design, color, and drawing, in addition to an understanding of ancient to contemporary art history.

Curriculum

Required Program Courses (22 Credits)

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1050	Foundation of Digital Imaging AND	View-ART 1050	06	3
ART 1301	Two Dimensional Design I AND	View-ART 1301	06	3
ART 1310	Three Dimensional Design AND	View-ART 1310	06	3
ART 1340	Fundamentals of Color AND	View-ART 1340	06	3
ART 1401	Drawing I AND	View-ART 1401	06	3
ART 1601	Art History I: Ancient to Medieval AND	View-ART 1601	06,08	3
ART 1602	Art History II: 15th Century to Contemporary AND	View-ART 1602	06,08	3
ART 2900	Studio Arts Capstone Practicum	View-ART 2900	06	1

Restricted Electives: Students must choose a minimum of 12 credits

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1101	Photography I OR	View-ART 1101	06	3
ART 1160	Digital Photography OR	View-ART 1160	06	3
ART 1320 OR				
ART 1361	Ceramics I OR	View-ART 1361	06	3
ART 1362	Ceramics II OR	View-ART 1362	06	3
ART 1402	Drawing II OR	View-ART 1402	06	3
ART 2611	Painting I	View-ART 2611	06	3

Free Electives: Students must choose a minimum of 6 additional studio credits

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1102	Photography II OR	View-ART 1102	06	3
ART 1270	Digital Video Production OR	View-ART 1270	06	3
ART 1302	Two Dimensional Design II OR	View-ART 1302	06	3
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
ART 1810	Studio Art Workshop OR	View-ART 1810	06	1
ART 2540 (starting SS25) OR				
ART 2612	Painting II	View-ART 2612	06	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
Natural Sciences with a lab (Goal Area 3) - 4 credits				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits				
Humanities and Fine Arts (Goal Area 6) Any course outside of ART - 1 credit				
MnTC 3 Additional Credits				
Total Credits Required		60		

Program Overview

2026-2027

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 four year institutions.

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)

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Art Transfer Pathway AFA Program Roadmap Full Time](#)
- [Art Transfer Pathway AFA Program Roadmap Part Time](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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

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.

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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Biology Transfer Pathway AS

The Biology Transfer Pathway Associate of Science degree 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 to transfer to one of the seven Minnesota State universities.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIOL 1101	Principles of Biology I	View-BIOL 1101	03	4
BIOL 1102	Principles of Biology II	View-BIOL 1102	03	4
BIOL 2360	Genetics	View-BIOL 2360	03	4
BIOL 2610	General Ecology	View-BIOL 2610	03	4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CHEM 1061	Principles of Chemistry I AND	View-CHEM 1061	03	4
CHEM 1062	Principles of Chemistry II AND	View-CHEM 1062	03	4
Any Goal Area 1 COMM course				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra OR	View-MATH 1150	04	3
College Algebra higher (choose based on receiving institution program, MATH 1210 Applied Statistics MATH 1221 are recommended) 6-8				

MnTC Electives

History and the Social/Behavioral Sciences (Goal Area 5) - 3 credits
The Humanities and Fine Arts (Goal Area 6) - 3 credits

Recommended Courses to total 60 credits*

* ** 13-15 Additional Elective Credits to equal 60 total credits. Chosen based on major transfer University
*Goal area requirements for the AS requires 6 of 10 MNTC goal areas (courses may count for more than one goal area)
**CHEM 2061 Organic Chemistry I CHEM 2062 Organic Chemistry II are recommended for some university programs

NHCC Residency and GPA

15 Credits must be earned at NHCC
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
Notes (Biology Transfer Pathway)

Total Credits Required	60
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. *13-15 Additional Elective Credits to equal 60 total credits. Chosen based on major track and transfer University (CHEM 2061 and CHEM 2062 are highly recommended).	

Program Overview

2026-2027

The Associate of Science Biology Transfer Pathway offers students an opportunity to earn course credits that directly transfer to a designated Biology bachelors degree program at Minnesota State universities. The entire curriculum has been carefully designed to meet bachelors degree program requirements for transfer students planning and 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.

In partnership with Bemidji State University, students can earn a bachelor's degree in Biology on NHCC's campus.

The Biology Transfer Pathway AS will transfer to any of the following universities:

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

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.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Biology Transfer Pathway AS Program Roadmap Full Time](#)
 - [Biology Transfer Pathway AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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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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Building Inspection Technology Certificate

The Building Inspection Technology Certificate is an accelerated certificate program that provides students with foundational knowledge to pursue a career in construction code enforcement or for existing professionals to upgrade their skills.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIT 1050	Foundations of Construction Codes and Inspections	View-BIT 1050		3
BIT 1150	Residential Plan Review and Field Inspections	View-BIT 1150		4
BIT 1250	Commercial Plan Review and Field Inspections	View-BIT 1250		4
BIT 1900	Legal and Administrative Aspects of Construction Codes	View-BIT 1900		3

NHCC Residency and GPA

4 Credits must be earned at NHCC

Total Credits Required	14
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Program Overview

2026-2027

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 Outcomes

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

- Understand the purpose and intent of construction codes.

Personal and Social Responsibility, including:

- Apply building codes and referenced standards to construction projects.

Integrative Learning, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Building Inspection Technology Certificate Program Roadmap Full Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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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Business Communications and Technology Essentials Certificate

The Business Communications and Technology Essentials Certificate is for students who want to develop a combination of skills in business, communication, and technology.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1230	Business Presentations: PowerPoint	View-CIS 1230		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3
CIS 1700	Project Management Software Tools	View-CIS 1700		3

NHCC Residency and GPA

3 Credits must be earned at NHCC

Total Credits Required

9

Program Overview

2026-2027

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 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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Business Communications and Technology Essentials Certificate Program Roadmap Full Time**](#)
 - [**Business Communications and Technology Essentials Certificate Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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.

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.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

30 N. LaSalle Street, Suite 2400

Chicago, IL 60602-2504

1-800-621-7440

Business Computer Systems and Management AAS

The Business Computer Systems and Management AAS degree program is designed for students interested in immediate employment or enhancing current career skills.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 2200	Principles of Management	View-BUS 2200		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3
CIS 1310	The Whole Internet	View-CIS 1310		3
CIS 1700	Project Management Software Tools	View-CIS 1700		3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 18 credits				
ACCT 2112	Managerial Accounting OR	View-ACCT 2112		4
BUSN 1100	Introduction to Business OR	View-BUSN 1100		3
BUS 2600	Principles of Marketing OR	View-BUS 2600		3
CIS 1000	Computer and Keyboarding Essentials OR	View-CIS 1000		3
CIS 1102	Business Computer Systems II OR	View-CIS 1102		3
CIS 1200	Word Processing OR	View-CIS 1200		3
CIS 1230	Business Presentations: PowerPoint OR	View-CIS 1230		3
CIS 1240	Information Management: Access OR	View-CIS 1240		3
CIS 1250	Photoshop Essentials for Business OR	View-CIS 1250		3
CIS 2010	CIS Internship OR	View-CIS 2010		3
CIS 2310	Introduction to E-Commerce	View-CIS 2310		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
ECON 1070	Principles of Microeconomics AND	View-ECON 1070	05	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
Choose 1 MATH Course				
MATH 1140	Finite Mathematics OR	View-MATH 1140	04	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3

MnTC Electives

[MnTC Electives - 7 credits](#)

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required

60

Program Overview

2026-2027

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.

Program Outcomes

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

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

Intellectual and Practical Skills, focused by:

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

Personal and Social Responsibility and Engagement, focused by:

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

Integrative and Applied Learning, including:

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

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Business Computer Systems and Management AAS Program Roadmap Full Time](#)
- [Business Computer Systems and Management AAS Program Roadmap Part Time](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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

Degree Information

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

A student shall:

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

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

Developmental Courses

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

Equal Opportunity Employer and Disability Access Information

North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

Accreditation

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1-800-621-7440

Business Computer Systems and Management AS

The Business Computer Systems and Management AS degree is designed for students who after completion of this degree are interested in pursuing a bachelor's degree in a related field, as well as for students who are interested in careers in computers, management, business, education, or training.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 2200	Principles of Management	View-BUS 2200		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3
CIS 1310	The Whole Internet	View-CIS 1310		3
CIS 2310	Introduction to E-Commerce	View-CIS 2310		3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 8 credits				
BUS 2600	Principles of Marketing OR	View-BUS 2600		3
CIS 1102	Business Computer Systems II OR	View-CIS 1102		3
CIS 1200	Word Processing OR	View-CIS 1200		3
CIS 1230	Business Presentations: PowerPoint OR	View-CIS 1230		3
CIS 1240	Information Management: Access OR	View-CIS 1240		3
CIS 1320	Web Tools OR	View-CIS 1320		2
CIS 1700	Project Management Software Tools OR	View-CIS 1700		3
CIS 1990	Computer Information Systems Mgmt Special Topics	View-CIS 1990		1-4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
ECON 1060	Principles of Macroeconomics AND	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics AND	View-ECON 1070	05	3
MATH 1120	College Algebra	View-MATH 1120	04	3
MATH 1150				
PHYS 1150 SOC 1110 (Choose 1 Course)				
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
SOC 1110	Introduction to Sociology AND	View-SOC 1110	05,7B	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4

Natural Sciences with a lab (Goal Area 3) - 4 credits;

Natural Sciences Mathematics/Logical Reasoning (Goal Area 3 4) - 3 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4)
, BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIOL2360(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), CHEM2061(5), CHEM2062(5) GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2),
GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1031(3), MATH1032(3), MATH1080(3), MATH1090(4), MATH1120(3), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4),
MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(4), MATH2400(4), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4),
NSCI1120(4), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1231(4), PHYS1232(3), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1),
PHYS1601(5), PHYS1602(5)

NHCC Residency and GPA

15 Credits must be earned at NHCC

MNTC Electives (Goal Areas 1,6,7,9 or 10) - 7 credits

MnTC Electives (Goal Areas 1, 6, 7, 9 10) - 7 credits: ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ART1010,(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3)
, ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1)
, ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1300(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), CHEM1010(4), COMM1010(3), COMM1110(3), COMM1210(3)
, COMM1310(3), COMM1410(3), COMM1510(3), COMM1550 (3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), COMM2610(3), ECON1050(3), ENGL1150(3), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3)
, ENGL2030(3), ENGL2150(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3)
, ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1301(3), GCST1320(3), GCST1501(3), GCST1502(3), GCST1503(3), GCST1504(3), GCST1505(3)
,GCST1700(3), GCST1964(4), GCST1978(3), GCST2250(3), GCST2410(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3)
, GWS1501(3), GWS1502(3), GWS1503(3), GWS1504(3), GWS1505(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1230(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1130(1)
, MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2)
, MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1110(4), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3)

, PHIL1070(3), PHIL1080(3), PHIL1110(3), PHIL1120(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), PHIL1230(3), POLS1100(3), POLS1140(3), PSYC1165(3), PSYC1170(3), PSYC1220(3), PSYC2110(3), PSYC2340(3), SOC1110(3), SOC1130(3), SOC2110(3), SOC2210(3)	
, SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1290(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1)	
, TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1)	
Total Credits Required	60

Program Overview

2026-2027

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

This degree will articulate/transfer to Metropolitan State University for their Business Administration BS Degree.

Program Outcomes

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

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

Intellectual and Practical Skills, focused by:

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

Personal and Social Responsibility and Engagement, focused by:

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

Integrative and Applied Learning, including:

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

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Business Computer Systems and Management AS Program Roadmap Full Time**](#)
 - [**Business Computer Systems and Management AS Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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 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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1-800-621-7440

Business Transfer Pathway AS

The Business Transfer Pathway Associate of Science is designed for students who are interested in transferring after graduation to pursue a bachelor's degree or a professional degree in business, management, marketing, education, or training.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
ACCT 2112	Managerial Accounting	View-ACCT 2112		4
BUS 1100	Introduction to Business	View-BUS 1100		3
BUS 1110	Human Relations & Professional Skills	View-BUS 1110		3
BUS 1300	Legal Environment of Business	View-BUS 1300		3
BUS 2100	Business Statistics	View-BUS 2100		4
BUS 2200	Principles of Management	View-BUS 2200		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
1 course from CIS1101, CIS1102				
CIS 1101	Business Computer Systems I OR	View-CIS 1101		3
CIS 1102	Business Computer Systems II	View-CIS 1102		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I II				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
PHIL 1020	Ethics	View-PHIL 1020	06,09	3
College Algebra				
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3

MnTC Electives

Natural Sciences with a Lab (Goal Area 3) - 3 credits (Lab Recommended)
The Humanities Fine Arts (Goal Area 6)
People the Environment (Goal 10) - 3 credits

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

The Associate in Science Business Transfer Pathway is designed for students who are interested in transferring after graduation to pursue a baccalaureate or a professional degree in business, management, marketing, education, or training. This business degree transfers directly into upper division business programs at 4 year institutions within the state. Successful Business Transfer Pathway AS graduates can transfer in as juniors if admitted into specific business programs at the following schools. In partnership with Metropolitan State University, students can take classes toward a bachelor's degree in Business on NHCC's campus.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

Management Concentration Option

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

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

Intellectual and Practical Skills, focused by:

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

Personal and Social Responsibility and Engagement, focused by:

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

Integrative and Applied Learning, including:

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

Marketing Concentration Option

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

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

Intellectual and Practical Skills, focused by:

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

Personal and Social Responsibility and Engagement, focused by:

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

Integrative and Applied Learning, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Business Transfer Pathway AS Program Roadmap Full Time](#)
 - [Business Transfer Pathway AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Chemistry Transfer Pathway AS

The Chemistry Transfer Pathway Associate of Science degree is designed for students to work as a chemical lab assistant or who are interested in transferring after graduation to pursue a bachelor's degree in chemistry.

Curriculum

Chemistry Specific Content Area

Course Code	Title	Course Outlines	Goal Areas	Credits
CHEM 1061	Principles of Chemistry I	View-CHEM 1061	03	4
CHEM 1062	Principles of Chemistry II	View-CHEM 1062	03	4
CHEM 2061	Organic Chemistry I	View-CHEM 2061	03	5
CHEM 2062	Organic Chemistry II	View-CHEM 2062		5

Science and Math Specific Content Area

Course Code	Title	Course Outlines	Goal Areas	Credits
MATH 1221	Calculus I	View-MATH 1221	04	5
MATH 1222	Calculus II	View-MATH 1222	04	5
PHYS 1601	General Physics I	View-PHYS 1601	03	5
PHYS 1602	General Physics II	View-PHYS 1602	03	5

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
PSYC 1150	General Psychology	View-PSYC 1150	05	3
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3

Humanities and Fine Arts Requirement

[Goal Area 6 - Must complete 3 credit](#)

MnTC Electives

[Must Complete 3 credits from Goals 7, 8, 9, or 10](#)

1 elective credit

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required

60

Program Overview

2026-2027

The Associate in Science degree in Chemistry is designed for students to work as a chemical lab assistant or who 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:

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Chemistry Transfer Pathway AS Program Roadmap Full Time](#)
 - [Chemistry Transfer Pathway AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Communication and Computer Skills Certificate

The Certificate in Communication and Computer Skills is designed to provide a foundation of skills in various forms of communication, including written, interpersonal, and digital.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
CIS 1101	Business Computer Systems I	View-CIS 1101		3

Total Credits Required	10
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Program Overview

2026-2027

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 who want 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 percentage of Minnesotans age 25 to 44 who have attained a postsecondary certificate or degree to 70 percent by 2025.

Program Outcomes

- Understand/demonstrate the writing and speaking processes through invention, organization, drafting, revision, editing and presentation. (NHCC ELO Intellectual and Practical Skills; NHCC ELO Integrative and Applied Learning; MnTC G1, comp. a; MnTC G2, comp. a)
- Participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding. (NHCC ELO Intellectual and Practical Skills; NHCC ELO Integrative and Applied Learning; MnTC G1, comp. b)
- Select appropriate communication choices for specific audiences. (NHCC ELO Intellectual and Practical Skills; (NHCC ELO Integrative and Applied Learning; MnTC G1, comp. d; MnTC G2, comp. a)
- Analyze the role of verbal and nonverbal communication in various interpersonal interactions and diverse contexts. MnTC 1, b, d, f, g, MnTC 7, b, c, ELO 1, 2, & 3.
- Demonstrate effective written, verbal and nonverbal communication skills in business situations (ELO 1, 2, 3)
- Develop management and business principles, advanced technical and communication skills along with critical, independent and creative problem solving skills. (NHCC ELOs 1 & 2)

- Demonstrate the process of planning and creating business presentations. (NHCC ELOs 1, 2, 4)
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Communications and Computer Skills Certificate Program Roadmap Full Time](#)
 - [Communications and Computer Skills Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Communication Studies Transfer Pathway AA

Are you passionate about developing connections and engaging with other people? The Communication Studies Transfer Pathway AA may be right for you!

You will develop a wide variety of interpersonal and professional communication skills including:

- *Public speaking and presentation development
- *Interpersonal and intercultural relationship building and maintenance
- *Group communication, conflict management, and leadership skills
- *Creation and presentation of narratives, persuasive communication, and debate
- *Analysis of media and social media communication.
- *Campaign and crisis communication

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication	View-COMM 1210	01,7A	3
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3
COMM 1910	Argumentation and Public Advocacy	View-COMM 1910	01,02	3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Students may choose one more of the following courses. These courses will show in additional electives. It is not required but recommended to choose one course.				
COMM 1610	Introduction to Mass Communication	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication	View-COMM 1810	01,09	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
		View-		
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
		View-		
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4

MnTC Electives

Natural Science (Goal Area 3) - 2 courses, 7 credits from 2 different disciplines, one must be a lab course AND
Mathematical/Logical Reasoning (Goal Area 4) - 1 course, at least 3 credits
Highly Recommended- MATH 1010, 1130, 1140
History the Social Behavioral Sciences (Goal Area 5) - 1 course, 3 credits
Humanities Fine Arts (Goal Area 6) - 3 courses from 2 different disciplines, 9 credits
Ethical Civic Responsibility (Goal Area 9) - 1 course, at least 3 credits
Very Highly recommended courses-COMM 1610, COMM1810
People the Environment (Goal Area 10) - 1 course, at least 3 credits
Highly recommended - ANTH 1020, GCST 1040
Additional Electives, if needed, to reach 40 total MnTC credits
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course AND

Health Requirement

Health or Exercise Science - 2 credits

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

Upon completion of this degree, students will be able to:

- Demonstrate knowledge of the transactional nature of communication and identify the core principles of communication studies. (ELO 1 & 3)
 - Demonstrate knowledge of the role of context in the communication of effective self-presentation, audience analysis, and relational maintenance and development. (ELO 1 & 2)
 - Effectively structure and deliver oral presentations, including identification of appropriate organizational structure, selection and citation of supporting content, and anticipation and refutation of opposing arguments. (ELO 2 & 4)
 - Demonstrate intercultural knowledge and flexibility in communication across a variety of audiences across cultures. (ELO 2 & 3)
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Communication Studies Transfer Pathway AA Program Roadmap Full Time](#)
 - [Communication Studies Transfer Pathway AA Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Computer Science Transfer Pathway AS

The Computer Science Transfer Pathway prepares students to enter the job market in information technology, computer programming, software development, and technical documentation; or to transfer to a bachelor's degree program in computer science, software engineering, or information technology.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1040	Fundamentals of Structured Query Language (SQL)	View-CSCI 1040		3
CSCI 1130	Introduction to Programming in Java (CS0)	View-CSCI 1130		4
CSCI 2001	Object Oriented Programming (CS1)	View-CSCI 2001		4
CSCI 2002	Data Structures and Algorithms (CS2)	View-CSCI 2002		4
CSCI 2010	Discrete Mathematical Structures	View-CSCI 2010	02,04	4
CSCI 2020	Computer Architecture	View-CSCI 2020		4
CSCI 2030	Database Modeling and Design	View-CSCI 2030		4

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
7 Credits from the Following Courses:				
CSCI 1020	Beginning Web Page Programming OR	View-CSCI 1020		1
CSCI 1025	Responsive Web Design OR	View-CSCI 1025		1
CSCI 1030	Programming for the Internet OR	View-CSCI 1030		3
CSCI 1035	Introduction to Computer Programming with Games OR	View-CSCI 1035		4
CSCI 1050	Computer Security Basics OR	View-CSCI 1050		3
CSCI 1120	Programming in C/C++ OR	View-CSCI 1120		4
CSCI 1150	Programming in C# for .NET OR	View-CSCI 1150		4
CSCI 1180	Introduction to Linux Operating System OR	View-CSCI 1180		4
CSCI 1990	Computer Science Special Topics OR	View-CSCI 1990		1-4
CSCI 2011	Programming in Python OR	View-CSCI 2011		1
CSCI 2040	Introduction to Networking Protocols and Analysis OR	View-CSCI 2040		4
CSCI 2050	Internship Computer Science OR	View-CSCI 2050		3
CSCI 2060	Web Programming in ASP.NET OR	View-CSCI 2060		4
CSCI 2101	Foundations of Cryptography	View-CSCI 2101		4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
		View-		
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1210	Small Group Communication	View-COMM 1210	01,7A	3
MATH 1221	Calculus I	View-MATH 1221	04	5
BIOL 1120	Human Biology OR	View-BIOL 1120	03	3
GEOG 1010	Physical Geography	View-GEOG 1010	03,10	3
ECON 1060	Principles of Macroeconomics OR	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics OR	View-ECON 1070	05	3
PSYC 1150	General Psychology	View-PSYC 1150	05	3

MnTC Electives

The Humanities and Fine Arts (Goal Area 6) - 3 credits
MnTC Electives - 3 Additional credits from Goal Areas 1-6

NHCC Residency and GPA

15 elective credits	
Total Credits Required	60

Program Overview

2026-2027

The Computer Science Transfer Pathway AS offers students a powerful option: the opportunity to complete an Associate of Science degree with course credits that directly transfer to designated Computer Science bachelors 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 the university with junior year status. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelors degree programs in a related field.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

Intellectual and Practical Skills, including:

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

Personal and Social Responsibility and Engagement:

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

Integrative and Applied Learning: Applying computer technology to solve real world problems.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Computer Science Transfer Pathway AS Full Time](#)
 - [Computer Science Transfer Pathway AS Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Construction Management and Supervision AS

This Construction Management and Supervision AS degree program prepares students for supervisory and management positions in the construction industry.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 2200	Principles of Management	View-BUS 2200		3
CMSV 1200	Construction Graphics	View-CMSV 1200		3
CMSV 2100	Soils and Concrete Technology	View-CMSV 2100		3
CMSV 2875	Mechanical and Electrical Systems	View-CMSV 2875		4
CMSV 2885	Construction Estimating	View-CMSV 2885		4
CMSV 2890	Building Organization and Technology	View-CMSV 2890		3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 6 credits				
BUS 1220	Effective Supervision OR	View-BUS 1220		3
CMSV 1000	Construction Professionalism Seminar OR	View-CMSV 1000		4
CMSV 1300	Legal Aspects of Construction OR	View-CMSV 1300		3
CMSV 2200	Construction Quality Assurance and Quality Control OR	View-CMSV 2200		4
CMSV 2870	Construction Management OR	View-CMSV 2870		3
CMSV 2895	Construction Management Internship OR	View-CMSV 2895		3
CMSV 2900	Construction Scheduling	View-CMSV 2900		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1650	Architectural History	View-ART 1650	06,08	2
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
PHYS 1231	Principles of Physics I	View-PHYS 1231	03	4
PSYC 1150	General Psychology	View-PSYC 1150	05	3
MATH 1170	Pre-Calculus OR	View-MATH 1170	04	4
MATH 1180	College Algebra and Pre-Calculus	View-MATH 1180	04	5
PHIL 1020	Ethics OR	View-PHIL 1020	06,09	3
PHIL 1200	Environmental Philosophy	View-PHIL 1200	06,10	3

MnTC Electives

Electives to reach 30 MnTC credits 60 total credits

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
Notes It is recommended that students intending to transfer to the University of Minnesota B.A.S. or Minnesota State University Moorhead B.S. program consult with a counselor about the best course selection options. Students may best be served by choosing MATH courses to fulfill the electives. University of Minnesota students should take MATH 1200 or 1221. Minnesota State University Moorhead students should take MATH 1200. It is further recommended that students intending to transfer to the Minnesota State University Moorhead B.S. program should select BUS 1220 and BUS 1300 as electives.	

Program Overview

2026-2027

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.

Program Outcomes

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

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

Develop intellectual and practical skills, including:

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

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

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

Integrative Learning, including:

- Apply construction management techniques to an actual construction management project
- Apply the principles, knowledge and skills learned in the classroom to on the job practices and procedures in the construction industry real life situations

- Develop and refine problem solving techniques
 - Formulate systematic and sequential plans, monitor plans, and evaluate projects to assure that quality control goals are achieved
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Management and Supervision AS Program Roadmap Full Time](#)
 - [Construction Management and Supervision AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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

A student shall:

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

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

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

Equal Opportunity Employer and Disability Access Information North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

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Construction Management Certificate

The Construction Management Certificate builds on the Construction Management AS degree and prepares students for supervisory and management positions in the construction industry.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 1810	Entrepreneurship	View-BUS 1810		4
BUS 2200	Principles of Management	View-BUS 2200		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CMSV 1200	Construction Graphics	View-CMSV 1200		3
CMSV 1300	Legal Aspects of Construction	View-CMSV 1300		3
CMSV 2870	Construction Management	View-CMSV 2870		3
CMSV 2885	Construction Estimating	View-CMSV 2885		4
CMSV 2900	Construction Scheduling	View-CMSV 2900		3

NHCC Residency and GPA

10 Credits must be earned at NHCC

Total Credits Required

30

Program Overview

2026-2027

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

Program Outcomes

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

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

Develop intellectual and practical skills, including:

- Develop a basic understanding of building codes and regulations
- Understanding of construction documents system and organization

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

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

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

Integrative Learning, including:

- Apply construction management techniques to an actual construction management project
- Apply the principles, knowledge and skills learned in the classroom to on the job practices and procedures in the construction industry real life situations
- Develop and refine problem solving techniques

- Formulate systematic and sequential plans, monitor plans, and evaluate projects to assure that quality control goals are achieved
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Management Certificate Program Roadmap Full Time](#)
 - [Construction Management Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Construction Quality Assurance and Quality Control Certificate

Construction Quality Assurance and Quality Control Certificate students are prepared for management roles in both public and private organizations where they will ensure projects in the build environment meet all applicable contract standards and requirements.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIT 1050	Foundations of Construction Codes and Inspections AND	View-BIT 1050		3
BIT 1150	Residential Plan Review and Field Inspections AND	View-BIT 1150		4
BIT 1250	Commercial Plan Review and Field Inspections AND	View-BIT 1250		4
CMSV 2100	Soils and Concrete Technology AND	View-CMSV 2100		3
CMSV 2200	Construction Quality Assurance and Quality Control	View-CMSV 2200		4

Residency Requirement

A minimum of 6 credits must be earned at North Hennepin Community College.

Total Credits Required	18
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Program Overview

2026-2027

Construction Quality Assurance and Quality Control is the student of the principles of construction quality management. It begins with carefully developed project requirements adhered to by the contractor, the owner and regulating agencies. It assures that the quality standards established by the designer in the project's 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 standards and requirements.

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 construction projects.

- Prepare for and take the Minnesota Building Official-Limited exam
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Quality Assurance and Quality Control Certificate Program Roadmap Full Time](#)
 - [Construction Quality Assurance and Quality Control Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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Construction Technology AAS

The Construction Technology AAS program prepares students for technical and supervisory positions in the construction of commercial, industrial, and civil buildings and structures. Students must be currently in, or have completed, a state of MN registered apprenticeship in order to be eligible for this program.

Curriculum

Program Courses 14-27 Credits (dependent on union)

Course Code	Title	Course Outlines	Goal Areas	Credits
45 Credits Total CMSV Program + Elective credits required				
CMSV 1500	Construction Technology I	View-CMSV 1500		5
CMSV 1550	Construction Technology Field Experience	View-CMSV 1550		4
CMSV 1600	Construction Technology II	View-CMSV 1600		5
CMSV 1650	Construction Technology Field Experience II	View-CMSV 1650		4
CMSV 1700	Construction Technology III	View-CMSV 1700		5
CMSV 1750	Construction Technology Field Experience III	View-CMSV 1750		4

Program Technical Electives 18-31 Credits

Course Code	Title	Course Outlines	Goal Areas	Credits
CMSV 1000	Construction Professionalism Seminar	View-CMSV 1000		4
CMSV 1200	Construction Graphics	View-CMSV 1200		3
CMSV 1300	Legal Aspects of Construction	View-CMSV 1300		3
CMSV 2100	Soils and Concrete Technology	View-CMSV 2100		3
CMSV 2200	Construction Quality Assurance and Quality Control	View-CMSV 2200		4
CMSV 2870	Construction Management	View-CMSV 2870		3
CMSV 2875	Mechanical and Electrical Systems	View-CMSV 2875		4
CMSV 2885	Construction Estimating	View-CMSV 2885		4
CMSV 2890	Building Organization and Technology	View-CMSV 2890		3
CMSV 2900	Construction Scheduling	View-CMSV 2900		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1940	Technical Writing	View-ENGL 1940		3
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
HIST 1230	U.S. Labor History	View-HIST 1230	02,05,09	3

MnTC Electives - to reach 15 MnTC credits and total 60 credits

[Additional MnTC Courses \(if needed to meet 60 total credits\)](#)

Total Credits Required	60
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Program Overview

2026-2027

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 to manage complex construction projects. (See below for special admission requirements)

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Technology AAS Program Roadmap Full Time](#)
 - [Construction Technology AAS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Construction Technology AS

The Construction Technology AS program prepares students for technical and supervisory positions in the construction of commercial, industrial, and civil buildings and structures. Students must be currently in, or have completed, a state of MN registered apprenticeship in order to be eligible for this program.

Curriculum

Program Courses 14-27 Credits (dependent on union)

Course Code	Title	Course Outlines	Goal Areas	Credits
CMSV 1500	Construction Technology I	View-CMSV 1500		5
CMSV 1550	Construction Technology Field Experience	View-CMSV 1550		4
CMSV 1600	Construction Technology II	View-CMSV 1600		5
CMSV 1650	Construction Technology Field Experience II	View-CMSV 1650		4
CMSV 1700	Construction Technology III	View-CMSV 1700		5
CMSV 1750	Construction Technology Field Experience III	View-CMSV 1750		4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
ENGL 1940	Technical Writing	View-ENGL 1940		3
HIST 1230	U.S. Labor History	View-HIST 1230	02,05,09	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3
PSYC 1150	General Psychology	View-PSYC 1150	05	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
CHEM 1010	Introduction to Chemistry OR	View-CHEM 1010	03,10	4
PHYS 1000	Conceptual Physics OR	View-PHYS 1000	03	4
CHEM 1030	Introduction to Physical Sciences	View-CHEM 1030	03	4
PHIL 1020	Ethics OR	View-PHIL 1020	06,09	3
PHIL 1200	Environmental Philosophy	View-PHIL 1200	06,10	3

Program Technical Electives 3-16 Credits

Course Code	Title	Course Outlines	Goal Areas	Credits
CMSV 1000	Construction Professionalism Seminar	View-CMSV 1000		4
CMSV 1200	Construction Graphics	View-CMSV 1200		3
CMSV 1300	Legal Aspects of Construction	View-CMSV 1300		3
CMSV 2100	Soils and Concrete Technology	View-CMSV 2100		3
CMSV 2200	Construction Quality Assurance and Quality Control	View-CMSV 2200		4
CMSV 2870	Construction Management	View-CMSV 2870		3
CMSV 2875	Mechanical and Electrical Systems	View-CMSV 2875		4
CMSV 2885	Construction Estimating	View-CMSV 2885		4
CMSV 2890	Building Organization and Technology	View-CMSV 2890		3
CMSV 2900	Construction Scheduling	View-CMSV 2900		3

MnTC Electives - to reach 30 MnTC credits and 60 total credits

Additional MnTC Courses (if needed to meet 60 total credits)	
Total Credits Required	60

Program Overview

2026-2027

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 to manage complex construction projects.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Construction Technology AS Program Roadmap Full Time](#)
 - [Construction Technology AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Creative Writing AFA

The Creative Writing Associate of Fine Arts degree prepares students for bachelor's degree studies in creative writing and other liberal arts by combining general education courses and foundational courses in creative writing and literary studies.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1250	Magazine Workshop	View-ENGL 1250	06	2
ENGL 1900	Introduction to Creative Writing	View-ENGL 1900	06	3
ENGL 2960	Creative Writing Capstone Project	View-ENGL 2960		1

Program Electives: Creative Writing

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 9 Credits				
ENGL 2010	Writing Creative Non-Fiction and Memoir OR	View-ENGL 2010	06	3
ENGL 2020	Writing Stories OR	View-ENGL 2020	06	3
ENGL 2030	Writing Poetry OR	View-ENGL 2030	06	3
ENGL 2500	Playwriting OR	View-ENGL 2500	06	3
TFT 2500	Playwriting	View-TFT 2500	06	3

Program Electives: Literature and other Writing Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 12 Credits				
ENGL 1140	Professional Writing OR	View-ENGL 1140		3
ENGL 1800	Introduction to Journalism OR	View-ENGL 1800	01,09	3
ENGL 1940	Technical Writing OR	View-ENGL 1940		3
ENGL 1950	Graphic Novels OR	View-ENGL 1950	06	3
ENGL 2150	Introduction to Literary Studies OR	View-ENGL 2150	06	3
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
GCST 2250	Japanese Literature OR	View-GCST 2250	06,08	3
ENGL 2270	Modern American Literature OR	View-ENGL 2270	06	3
ENGL 2300	Children's Literature OR	View-ENGL 2300	06,7A	3
ENGL 2320	Writing: From Structure to Style OR	View-ENGL 2320	06,7A	3
ENGL 2330	Hmong American Literature OR	View-ENGL 2330	06	3
ENGL 2340	Nature in Literature OR	View-ENGL 2340	06,10	3
ENGL 2350	Women and Literature OR	View-ENGL 2350	06,7A	3
ENGL 2360	Global Literary Perspectives OR	View-ENGL 2360	06,7A	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2370	African American Literature OR	View-ENGL 2370	06,7A	3
ENGL 2380	American Indian Literature OR	View-ENGL 2380	06,7A	3
ENGL 2390	Work in American Literature OR	View-ENGL 2390	06,09	3
ENGL 2400	Utopian/Dystopian Literature OR	View-ENGL 2400	06,08	3
ENGL 2410	US Latinx and Latin American Literature OR	View-ENGL 2410	06,7A	3
GCST 2410	US Latinx and Latin American Literature OR	View-GCST 2410	06,7A	3
ENGL 2450	Survey of American Literature I OR	View-ENGL 2450	06,7A	3
ENGL 2460	Survey of American Literature II	View-ENGL 2460	06,7A	3
ENGL 2540	Introduction to Literary Studies: Reading Poetry OR	View-ENGL 2540	06	3
ENGL 2550	Survey of British Literature I OR	View-ENGL 2550	06,08	3
ENGL 2560	Survey of British Literature II OR	View-ENGL 2560	06,08	3
ENGL 2570	Introduction to Literary Studies: Reading Plays OR	View-ENGL 2570	06,7A	3
ENGL 2580	Shakespeare's Plays OR	View-ENGL 2580	06,08	3
ENGL 2590	Introduction to Literary Studies: American Short Story OR	View-ENGL 2590	06	3
ENGL 2900	Fantasy Literature OR	View-ENGL 2900	06,07,7A	3
ENGL 2950	Mystery and Detective Fiction	View-ENGL 2950	06,09	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1010, COMM1110, COMM1210 - 1 course				
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication	View-COMM 1210	01,7A	3

MnTC Electives

Complete 24 credits total:
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 (Goal Areas 9 or 10) - 3 credits
MnTC Electives - 9 credits

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

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

Focused by engagement with big questions, both contemporary and enduring

Intellectual and Practical Skills:

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

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

Personal and Social Responsibility and Engagement:

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

Anchored through active involvement with diverse communities and realworld challenges

Integrative and Applied Learning:

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

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Creative Writing AFA Program Roadmap Full Time**](#)

- [Creative Writing AFA Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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

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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Criminal Justice Transfer Pathway AS

The Criminal Justice Transfer Pathway AS degree program is designed for students who want to begin careers as police officers, sheriff's deputies, security personnel in private business or government, or correctional officers.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4
SOC 1110	Introduction to Sociology AND	View-SOC 1110	05,7B	3
SOC 1710	Introduction to Criminal Justice AND	View-SOC 1710	05	3
SOC 1130	Social Problems AND	View-SOC 1130	09,7B	3
SOC 1720	Police and Community	View-SOC 1720		3
SOC 1750	Families in Crisis	View-SOC 1750	05	3
SOC 2210	Social Inequality	View-SOC 2210	05,7A	3

Program Electives (Choose 1 Course)

Course Code	Title	Course Outlines	Goal Areas	Credits
PSYC 2320	Psychological Disorders OR	View-PSYC 2320	05	3
SOC 1730	Juvenile Justice OR	View-SOC 1730		3
PSYC 2110	Principles of Social Psychology OR	View-PSYC 2110	05,7A	3
SOC 2730	Introduction to Corrections	View-SOC 2730	05	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
MATH 1130	Elementary Statistics OR	View-MATH 1130	04	3
PHIL 1050	Introduction to Logic OR	View-PHIL 1050	04	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication AND	View-COMM 1210	01,7A	3
PHIL 1020	Ethics AND	View-PHIL 1020	06,09	3
POLS 1140	State and Local Politics AND	View-POLS 1140	05,09	3
Natural Sciences (Goal Area 3) - 7 credits from different disciplines, one must be a lab course AND				

Course Code	Title	Course Outlines	Goal Areas	Credits
The Humanities Fine Arts - It is highly recommended that one of the MnTC Goal Area 6 electives be a course that also satisfies MnTC Goal Area 8 Goal 10. At least one Goal 6 course must be outside PHIL - 6 credits: ARBC1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1120(3), PHIL1220(3), PHIL1230(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3),				
TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)				
HLTH 1060	Drugs and Health OR	View-HLTH 1060		3
COMM 1310	Intercultural Communication OR	View-COMM 1310	08,7A	3
3 credits from Goal Areas 8 10 if not already fulfilled				

Exercise Science - 2 Credits

EXSC 1010(2), EXSC1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1), EXSC1410(1), EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1460(2), EXSC1470(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1530(2), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1), EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1880(1),EXSC1890(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4),	
Tactical Strength Conditioning (EXSC 1530) is recommended if it relates to career path	
Total Credits Required	60

Program Overview

2026-2027

The Criminal Justice Transfer Pathway AS provides students with the opportunity to directly transfer to a designated Criminal Justice bachelor's degree program at one of the seven Minnesota State universities. Students who transfer with this AS degree can enter with junior standing and may complete the bachelor's degree with an additional 60 credits.

Program Outcomes

Program Outcomes including Essential Learner Outcomes:

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

- Analyzing the history, current issues, concepts, organization, philosophies, and theories in the field of criminal justice. (ELO 1)
- demonstrating an understanding of local ordinances, State Statutes and Federal Law, the purpose and function of police, courts, and corrections. (ELO 1)
- interpreting the judicial review process, political, cultural, and social forces which impact the police, courts, corrections, suspects, victims, and other parties involved in the criminal justice system, with a focus on conscious and implicit bias. (ELO 1)

Develop intellectual and practical skills, including:

- communicating appropriately and effectively in work situations. (ELO 2a, 2b, 2c, 2d, 2e)
- obtaining and refining the necessary skills in interpersonal communication, mathematics, basic crime statistics, as the skills are related to public contact and employment in the criminal justice system. (ELOs 2c, 2d, 2e)
- utilizing the intellectual and practical skills necessary to represent a private or public agency in a professional manner (ELOs 2a, 2b, 2c, 2d, 2e)
- developing the writing and public speaking skills necessary to communicate in small and large groups to prepare for employment and further education. (ELOs 2b, 2c)

Demonstrate personal and social responsibility, including:

- identifying career opportunities in criminal justice and the skills and attributes that employers are seeking and creating an understanding that employers often require continued higher education, citizenship, and service to others for initial placement and promotion. (ELOs 3a, 3b)
- comparing and contrasting traditional, developing and future trends and ideas in criminal justice. (ELOs 3a, 3b, 3c, 3d, 4b, 4c, 4d)
- examining race, sex, color, religion, age, national origin, disability, marital status, status with regards to public assistance, sexual orientation, gender identification, and social class as related to criminal justice issues. This examination will follow anti-racist education principles and should lead to acknowledgement of conscious or

implicit bias, tolerance, valuing differences, and leading to the acceptance of others. (ELOs 3a, 3b, 3c, 4b)

Demonstrate integrative and applied learning, including:

- assessing the history and application of Criminal Justice with respect to Law Enforcement, as well as its relationship to the other social sciences. (ELOs 3d, 4c, 4d, 4e)
 - analyzing complex material, including State and Federal court rulings, and having the ability to read and understand basic criminal justice related and court documents for application in their careers. (ELOs 3d, 4c, 4d)
 - applying concepts used in the Criminal Justice profession across classes and in their lives. (ELOs 3d, 4b, 4c, 4d, 4e)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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

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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Cybersecurity Certificate

The Cybersecurity Certificate prepares students to safeguard information system assets by identifying and solving potential and actual security problems.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1050	Computer Security Basics AND	View-CSCI 1050		3
CSCI 1130	Introduction to Programming in Java (CS0) AND	View-CSCI 1130		4
MATH 1150	College Algebra	View-MATH 1150	04	3
CSCI 1180	Introduction to Linux Operating System AND	View-CSCI 1180		4
CSCI 2001	Object Oriented Programming (CS1) AND	View-CSCI 2001		4
CSCI 2002	Data Structures and Algorithms (CS2) AND	View-CSCI 2002		4
CSCI 2040	Introduction to Networking Protocols and Analysis AND	View-CSCI 2040		4
CSCI 2101	Foundations of Cryptography	View-CSCI 2101		4

Program Overview

The cybersecurity certificate prepares students to safeguard information system assets by identifying and solving potential and actual security problems. Topics include protecting systems with redundancies and access protocols, specialized software, and security auditing to identify abnormalities and security vulnerabilities.

Program Outcomes

Designing and maintaining systems to protect against vulnerabilities. (ELOs 1, 2a, 4a, 4c) Designing and maintaining robust systems to prevent unauthorized access. (ELO 4a) Interpret vulnerability reporting system results. (ELOs 1, 2a, 4a, 4c) Safeguard information system assets by identifying and solving potential and actual security problems. (ELOs 2a, 4a) Implement best practices of data governance to protect sensitive data. (ELO 4a) Examine and apply cryptographic algorithms. (ELOs 1, 2a, 2b, 2d) Design network architecture focusing on security and performance. (ELOs 2a, 4a, 4d) Identify network threats through protocol and device analysis and the impacts on the security of the enterprise. (ELOs 2a, 4a, 4d) The Learner Outcomes in individual courses that are part of this program are aligned with the curriculum requirements for National Security Agency Center of Academic Excellence in Cyber Defense (NSA-CAE-CD) designation.

Career Opportunities

Information on careers, including salary and employment outlook data, is available at Minnesota State and the Bureau of Labor Statistics websites: [O*Net](#) 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

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 31 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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Data Science AS

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

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1040	Fundamentals of Structured Query Language (SQL) AND	View-CSCI 1040		3
CSCI 1130	Introduction to Programming in Java (CS0) AND	View-CSCI 1130		4
CSCI 2001	Object Oriented Programming (CS1) AND	View-CSCI 2001		4
CSCI 2011	Programming in Python AND	View-CSCI 2011		1
CSCI 2030	Database Modeling and Design AND	View-CSCI 2030		4
DSCI 2001	Data Science I AND	View-DSCI 2001		4
DSCI 2002	Data Science II	View-DSCI 2002		4
DSCI 2009	Interdisciplinary Applications in Data Science	View-DSCI 2009		2

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1150	Programming in C# for .NET OR	View-CSCI 1150		4
CSCI 1180	Introduction to Linux Operating System OR	View-CSCI 1180		4
CSCI 2002	Data Structures and Algorithms (CS2) OR	View-CSCI 2002		4
CSCI 2010	Discrete Mathematical Structures OR	View-CSCI 2010	02,04	4
MATH 2000	Discrete Mathematical Structures	View-MATH 2000	02,04	4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
ECON 1060	Principles of Macroeconomics OR	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics AND	View-ECON 1070	05	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra AND	View-MATH 1150	04	3
MATH 1210	Applied Statistics	View-MATH 1210	02,04	4

Natural Science - 1 lab course, 4 credits

Course Code	Title	Course Outlines	Goal Areas	Credits
Natural Science (Goal Area 3) Lab Courses				
BIOL 1000	Life Science OR	View-BIOL 1000	03	4
BIOL 1001	Biology I OR	View-BIOL 1001	03	4
BIOL 1101	Principles of Biology I OR	View-BIOL 1101	03	4
BIOL 1102	Principles of Biology II OR	View-BIOL 1102	03	4
BIOL 1130	Human Biology with a Lab OR	View-BIOL 1130	03	4
BIOL 1360	Biology of Women with a Lab OR	View-BIOL 1360	03	4
BIOL 2100	Microbiology OR	View-BIOL 2100	03	4
BIOL 2111	Human Anatomy and Physiology I OR	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II OR	View-BIOL 2112	03	4
BIOL 2360	Genetics OR	View-BIOL 2360	03	4
BIOL 2610	General Ecology OR	View-BIOL 2610	03	4
CHEM 1000	Chemistry and Society OR	View-CHEM 1000	03,10	4
CHEM 1010	Introduction to Chemistry OR	View-CHEM 1010	03,10	4
CHEM 1030	Introduction to Physical Sciences OR	View-CHEM 1030	03	4
CHEM 1061	Principles of Chemistry I OR	View-CHEM 1061	03	4
CHEM 1062	Principles of Chemistry II OR	View-CHEM 1062	03	4
PHYS 1000	Conceptual Physics OR	View-PHYS 1000	03	4
PHYS 1050	Astronomy OR	View-PHYS 1050	03	4
NSCI 1061	Solar System Lab OR	View-NSCI 1061	03	1
NSCI 1071	Stars and the Universe Lab OR	View-NSCI 1071	03	1
PHYS 1120	Meteorology OR	View-PHYS 1120	03	4

Course Code	Title	Course Outlines	Goal Areas	Credits
NSCI 1140	Historical Geology OR	View-NSCI 1140	03,10	4
PHYS 1000	Conceptual Physics OR	View-PHYS 1000	03	4
CHEM 1030	Introduction to Physical Sciences OR	View-CHEM 1030	03	4
PHYS 1050	Astronomy OR	View-PHYS 1050	03	4
PHYS 1120	Meteorology OR	View-PHYS 1120	03	4
PHYS 1231	Principles of Physics I OR	View-PHYS 1231	03	4
PHYS 1232	Principles of Physics II OR	View-PHYS 1232	03	4
PHYS 1601	General Physics I OR	View-PHYS 1601	03	5
PHYS 1602	General Physics II	View-PHYS 1602	03	5

MnTC Electives

Electives from Goal Areas 6-10 (7 credits)	
Total Credits Required	60

Program Overview

2026-2027

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.

The Data Science AS Degree will Transfer/Articulate to:

Metropolitan State University for a Data Science BS Degree, which can be completed through NHCC's University Center.

Program Outcomes

Program outcomes:

After successfully completing this program, a student will be able to:

1. Empirically support business decisions and scientific research.
 2. Properly interpret and communicate statistical measures.
 3. Select relevant data for system development and analysis.
 4. Apply general analytical models to specialized areas in other disciplines.
 5. Derive meaning from data in relevant contexts.
 6. Properly assess and apply systems of algorithms, databases and third party software.
 7. Understand the role of networked systems and their topologies for data analysis.
 8. Determine appropriate resource allocations for solving data oriented problems.
 9. Explain how data is procured, stored and analyzed.
 10. Apply methods of data preparation such as parsing and normalization.
 11. Interpret statistical parameters for understanding data in context.
 12. Evaluate models of data analysis.
 13. Develop algorithmic solutions using appropriate programming structures.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Data Science AS Full Time](#)
 - [Data Science AS Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Digital Knowledge Analysis Certificate

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 digital software.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1101	Business Computer Systems I OR	View-CIS 1101		3
CSCI 1000	Computer Basics AND	View-CSCI 1000		3
CIS 1240	Information Management: Access AND	View-CIS 1240		3
CSCI 1040	Fundamentals of Structured Query Language (SQL) AND	View-CSCI 1040		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
Total Credits Required		12		

Program Overview

2026-2027

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 digital software. 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 who are seeking additional skills. This certificate supports the 2015 Minnesota Legislation Educational Attainment Goal 2025: Working to increase the percent of Minnesotans age 25-44 who have attained a postsecondary certificate or degree to 70% by 2025.

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.
 - Analyze data presented in business cases requiring information management effectively using Access 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 ethical practices and communicate results.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Digital Knowledge Analysis Certificate Program Roadmap Full Time](#)
 - [Digital Knowledge Analysis Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Diversity, Equity, and Inclusion Certificate

The Diversity, Equity, and Inclusion Certificate is designed for participants to increase their knowledge and skills necessary to apply strategies for enhancing diversity, equity, and inclusion in their professional practices and personal lives.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
GCST 2000	Theories of Race and Ethnicity AND	View-GCST 2000	09,7B	3
GCST 2065	Diversity, Equity, and Inclusion AND	View-GCST 2065	09,7B	3
GCST 1964	African American Civil Rights Immersion Experience OR	View-GCST 1964	09,7B	4
GCST 1490	Dave Larsen American Indian Immersion Experience OR	View-GCST 1490	05,09	4
GCST 2010	DEI Internship	View-GCST 2010		4
Total Credits Required		10		

Program Overview

The Diversity, Equity, and Inclusion Certificate is designed for participants to increase their knowledge and skills necessary to apply strategies for enhancing diversity, equity, and inclusion in their professional practices and personal lives. The curriculum of the Diversity, Equity, and Inclusion Certificate addresses foundational concepts such as social determinants of health, strategies for recognizing unconscious bias, cultural competency, intersectionality, and gender equality. Upon completion of all the classes, learners should be able to apply strategies to counteract racism within their environment, create an affirming environment, recruit and retain a diverse and inclusive team, as well as implement a diversity, equity, and inclusion strategic plan.

Program Outcomes

1. Learners will be able provide an overview of core concepts related to Diversity Equity & Inclusion.
 2. Learners will be able to give a brief history and Philosophical underpinnings of Diversity Equity & Inclusion.
 3. Learners will be able to explore Diversity Equity & Inclusion from a global context and provide insights for insuring DEI is relevant in different cultures and regions.
 4. Learners will have the opportunity to engage in their own DEI self- Exploration.
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Economics Transfer Pathway AA

The Economics Transfer Pathway AA degree offers an excellent foundation and development of necessary critical thinking skills. Economics is the study of choices, so the transfer pathway prepares students for in-depth analysis to come in the future.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1910	Argumentation and Public Advocacy OR	View-COMM 1910	01,02	3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Recommended courses to take as needed to reach 60 credits				
ACCT 2111	Financial Accounting OR	View-ACCT 2111		4
ACCT 2112	Managerial Accounting OR	View-ACCT 2112		4
MATH 1170	Pre-Calculus OR	View-MATH 1170	04	4
MATH 1221	Calculus I OR	View-MATH 1221	04	5
MATH 1222	Calculus II OR	View-MATH 1222	04	5
MATH 2220	Calculus III OR	View-MATH 2220	04	5
MATH 2300	Linear Algebra	View-MATH 2300	04	4

MnTC Electives

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 the Social/Behavioral Sciences, 1 course, 3 credits outside of ECON 1060 ECON 1070
Human Diversity - 1 course
Ethical and Civic Responsibility - 1 course
People and the Environment - 1 course

Health Requirement

Complete 2 credits from Health or Exercise Science
--

Total Credits

Additional courses, if necessary, to reach 40 MnTC credits 60 credits total

NHCC Residency and GPA

15 credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

The Associate of Arts with an emphasis in economics offers an excellent foundation and development of necessary critical thinking skills. Economics is the study of choices so these first two years will prepare students for in-depth analysis to come in the future. Students have two options within our program: business economics or graduate school preparation. Students will be prepared to continue their economic studies with a junior-level standing at a four-year university.

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 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 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.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Economics Transfer Pathway AA Program Roadmap Full Time](#)
 - [Economics Transfer Pathway AA Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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

Accreditation

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Elementary Education Foundations Transfer Pathway AS

The Elementary Education Foundations Transfer Pathway AS degree is designed for students planning to transfer to a four-year teacher education program. It offers core education courses and hands-on learning experiences to prepare for a career in teaching.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
EDUC 1200	Introduction to Education	View-EDUC 1200		4
EDUC 1280	Multicultural Education AND	View-EDUC 1280		3
EDUC 1300	Technology in Education AND	View-EDUC 1300		3
EDUC 1350	Foundations in Teaching Literacy AND	View-EDUC 1350		3
EDUC 1400	Introduction to Special Education	View-EDUC 1400		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
BIOL 1000	Life Science OR	View-BIOL 1000	03	4
BIOL 1001	Biology I AND	View-BIOL 1001	03	4
Physical Science (3 credits)				
PHYS 1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1070(3), PHYS1120(4), PHYS1140(3), PHYS1231(4), PHYS1232(3), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)				
PSYC 1210	Child Development AND	View-PSYC 1210	05	3
GCST 1040	American Indian Culture - Indigenous Peoples of Minnesota AND	View-GCST 1040	10,7A	3
HLTH 1060	Drugs and Health AND	View-HLTH 1060		3
HIST 1200	History of United States Through 1877 AND	View-HIST 1200	02,05,7B	3
MATH 1031	Math for Elementary Education I AND	View-MATH 1031	04	3
MATH 1032	Math for Elementary Education II AND	View-MATH 1032	04	3
Mathematical/Logical Reasoning (3 credits)				

Course Code	Title	Course Outlines	Goal Areas	Credits
MATH 1010(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1120(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(4), MATH2400(4), PHIL1050(3)				
MUSC 1200	Fundamentals of Music AND	View-MUSC 1200	06	3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
The Humanities Fine Arts (Goal Area 6 - 1 credit)				
ARBC 1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1120(3), PHIL1220(3), PHIL1230(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1) AND				
Diverse Literature (Choose 1 course)				
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
ENGL 2330	Hmong American Literature OR	View-ENGL 2330	06	3
ENGL 2350	Women and Literature OR	View-ENGL 2350	06,7A	3
ENGL 2360	Global Literary Perspectives OR	View-ENGL 2360	06,7A	3
ENGL 2370	African American Literature OR	View-ENGL 2370	06,7A	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2380	American Indian Literature OR	View-ENGL 2380	06,7A	3
ENGL 2390	Work in American Literature OR	View-ENGL 2390	06,09	3
ENGL 2410	US Latinx and Latin American Literature	View-ENGL 2410	06,7A	3
Total Credits Required		60		

Program Overview

2026-2027

The Elementary Education Foundations Transfer Pathway Associate of Science (AS) degree program offers students a powerful option: the opportunity to complete the Associate of Science degree with course credits that directly transfer to designated Elementary Education degree 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 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.

Program Outcomes

North Hennepin Community College's future educators will:

1. Engage in activities and actions that develop teacher identity and criticality.
 2. Understand systemic racism by examining structural policies historically practiced in our housing, economic, employment, and education institutions.
 3. Critically examine teacher beliefs and instructional practices to provide equitable curricula.
 4. Critically examine teacher beliefs and instructional practices regarding student achievement.
 5. Critically examine teacher beliefs and instructional practices regarding assessment practices.
 6. Access resources to aid instructional design in equitable curriculum and pedagogy.
 7. Engage in a variety of cultural and professional experiences to challenge current teacher beliefs and instructional practices.
 8. Present an ongoing professional development plan to address white supremacy characteristics and challenge teacher beliefs and instructional practices.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Elementary Education Foundations Transfer Pathway AS Program Roadmap Full Time**](#)
 - [**Elementary Education Foundations Transfer Pathway AS Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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 bachelors 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 fouryear 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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Engineering Broad Field AS

The Engineering Broad Field Associate of Science degree is designed to prepare students for continued study in a bachelor's degree program in engineering.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Engineering Speciality Courses - Select a minimum of 4 classes 12 credits from the following:				
ENGR 1000	Introduction to Engineering and Design OR	View-ENGR 1000		3
ENGR 1200	Engineering Graphics OR	View-ENGR 1200		3
ENGR 2201	Introduction to Digital Logic OR	View-ENGR 2201		2
ENGR 2301	Statics OR	View-ENGR 2301		3
ENGR 2302	Mechanics of Materials OR	View-ENGR 2302		3
ENGR 2303	Dynamics OR	View-ENGR 2303		3
ENGR 2340	Thermodynamics OR	View-ENGR 2340		3
ENGR 2410	Circuit Analysis OR	View-ENGR 2410		4
CHEM 1062	Principles of Chemistry II OR	View-CHEM 1062	03	4
CHEM 2061	Organic Chemistry I OR	View-CHEM 2061	03	5
CHEM 2062	Organic Chemistry II OR	View-CHEM 2062		5
MATH 2011	Probability and Statistics OR	View-MATH 2011	04	4
MATH 2300	Linear Algebra	View-MATH 2300	04	4
CSCI 1120	Programming in C/C++ OR	View-CSCI 1120		4
CSCI 1130	Introduction to Programming in Java (CS0)	View-CSCI 1130		4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CHEM 1061	Principles of Chemistry I AND	View-CHEM 1061	03	4
MATH 1221	Calculus I AND	View-MATH 1221	04	5
MATH 1222	Calculus II AND	View-MATH 1222	04	5
MATH 2220	Calculus III AND	View-MATH 2220	04	5
MATH 2400	Differential Equations AND	View-MATH 2400	04	4
PHYS 1601	General Physics I AND	View-PHYS 1601	03	5
PHYS 1602	General Physics II	View-PHYS 1602	03	5
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4

MnTC Electives

MnTC Electives Humanities, History, Behavioral Social Sciences: Two courses that satisfy Goal Areas 5 6. At least one of these courses must also satisfy one Goal Area 7, 8, 9, 10

History the Social Behavioral Sciences (Goal Area 5) ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), ECON1070(3), GCST1501(3), GCST1504(3), GCST1505(3), GCST1964(4), GWS1501(3), GWS1504(3) GWS1505(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1230(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SOC2750(3) The Humanities Fine Arts (Goal Area 6) ARBC1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3),

ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1120(3), PHIL1220(3), PHIL1230(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)

Total Credits Required

60

Program Overview

2026-2027

An Associate of Science (AS) in Engineering Broad Field is designed to prepare students for transfer to a 4-year program in a variety of engineering majors.

Program Outcomes

Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics (ELO 1; 2a, d; 4a, d, e) Apply engineering design processes to provide engineering solutions which take into consideration multiple needs. (ELO 1; 2a, d; 4a, d, e) Conduct experiments, as well as analyze and interpret results from these experiments. (ELO 2 a, d, e; ELO 4d) Communicate problem solutions, design solutions, and experimental findings, analysis, and interpretations in a variety of formats. (ELO 2b, c)

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Engineering Broad Field AS Full Time**](#)
 - [**Engineering Broad Field AS Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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English Language for Academic Purposes Certificate

The EAP Program is for anyone who wants to strengthen their academic English language skills. Our Program offers college English language courses to help you prepare for your major and career. When you complete your EAP classes, you may choose to apply for the EAP Certificate that shows your high level of English ability.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
EAP 1230	College Reading and Studying Skills	View-EAP 1230	08	4
EAP 1260	College Writing Skills Development	View-EAP 1260	08	4
EAP 1280	Listening and Speaking for College Success	View-EAP 1280	08	4
Choose one of the following:				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 6 credits with a grade of C higher				
BIOL 1230	Medical Terminology I - Basics OR	View-BIOL 1230		1
BUS 1100	Introduction to Business OR	View-BUS 1100		3
BUS 1110	Human Relations & Professional Skills OR	View-BUS 1110		3
CIS 1000	Computer and Keyboarding Essentials OR	View-CIS 1000		3
CIS 1101	Business Computer Systems I OR	View-CIS 1101		3
CIS 1200	Word Processing OR	View-CIS 1200		3
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1310	Intercultural Communication OR	View-COMM 1310	08,7A	3
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
CRD 1000	Career Exploration and Planning OR	View-CRD 1000		3
Job Searching Strategies OR				
CSCI 1000	Computer Basics OR	View-CSCI 1000		3
CSCI 1020	Beginning Web Page Programming OR	View-CSCI 1020		1
English Pronunciation OR				
ENGL 1140	Professional Writing OR	View-ENGL 1140		3
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1203	College Writing II with Workshop OR	View-ENGL 1203	01,02	2
ENGL 1940	Technical Writing OR	View-ENGL 1940		3
ENGL 2320	Writing: From Structure to Style OR	View-ENGL 2320	06,7A	3
GCST 1211 OR				
GCST 2065	Diversity, Equity, and Inclusion	View-GCST 2065	09,7B	3

NHCC Residency and GPA

7 Credits must be earned at NHCC

Total Credits Required	22
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Program Overview

2026-2027

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 also gain skills for education and employment through the completion of elective courses which support continued development of written, verbal, and technology communication, advancement of international perspectives, and career exploration.

Program 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.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**English Language For Academic Purposes Certificate Program Roadmap Full Time**](#)
- [**English Language For Academic Purposes Certificate Program Roadmap Part Time**](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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.

Accreditation

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Chicago, IL 60602-2504

1-800-621-7440

Entrepreneurship AAS

The Entrepreneurship AAS is designed for students interested in managing or buying a small business or franchise, and for students interested in starting a new business.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 1100	Introduction to Business	View-BUS 1100		3
BUS 1110	Human Relations & Professional Skills	View-BUS 1110		3
BUS 1220	Effective Supervision	View-BUS 1220		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3

Program Courses - Entrepreneurship Specialty

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2112	Managerial Accounting	View-ACCT 2112		4
BUS 1300	Legal Environment of Business	View-BUS 1300		3
BUS 1410	Introduction to Business Finance	View-BUS 1410		3
BUS 2610	Consumer Behavior	View-BUS 2610		3
BUS 1810	Entrepreneurship	View-BUS 1810		4
BUS 2200	Principles of Management	View-BUS 2200		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2

MnTC Electives

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 6 credits.)

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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 Overview

2026-2027

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

Program Outcomes

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

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

Intellectual and Practical Skills, focused by:

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

Personal and Social Responsibility and Engagement, focused by:

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

Integrative and Applied Learning, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Entrepreneurship AAS Program Roadmap Full Time](#)
 - [Entrepreneurship AAS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Entrepreneurship Certificate

The Entrepreneurship Certificate is for students exploring managing and/or owning their own business. Students learn the basics of building a strong business.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 1810	Entrepreneurship	View-BUS 1810		4
BUS 2200	Principles of Management	View-BUS 2200		3
BUS 2600	Principles of Marketing	View-BUS 2600		3

NHCC Residency and GPA

4 Credits must be earned at NHCC

Total Credits Required

14

Program Overview

2026-2027

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 Outcomes

Intellectual and Practical Skills, including:

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

Integrative and Applied Learning, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Entrepreneurship Certificate Program Roadmap Full Time**](#)
 - [**Entrepreneurship Certificate Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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Exercise Science Transfer Pathway AS

Students in the Exercise Science Transfer Pathway Associate of Science degree examine how exercise prescription and physical activity habits optimize physical performance and mental health of all people. This degree prepares 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.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIOL 2111	Human Anatomy and Physiology I	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II	View-BIOL 2112	03	4
EXSC 1050	Weight Training	View-EXSC 1050		1
EXSC 1500	Foundations of Exercise Science	View-EXSC 1500		3
EXSC 1900	Worldwide Fitness and Wellness Trends	View-EXSC 1900		1
EXSC 2010	Essentials of Exercise Science	View-EXSC 2010		3
EXSC 2110	Advanced Fitness Assessment & Exercise Prescription	View-EXSC 2110		3
EXSC 1060	Advanced Weight Training	View-EXSC 1060		2
EXSC 2490	Kinesiology	View-EXSC 2490		4
HLTH 1070	Nutrition	View-HLTH 1070		3
1 course from HLTH1250, EXSC1250				
EXSC 1250	Wellness for Life OR	View-EXSC 1250		3
HLTH 1250	Wellness for Life	View-HLTH 1250		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I II				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
Biology I Principles of Biology				
BIOL 1001	Biology I OR	View-BIOL 1001	03	4
BIOL 1101	Principles of Biology I	View-BIOL 1101	03	4
Intro to Chemistry Principles of Chemistry				
CHEM 1010	Introduction to Chemistry OR	View-CHEM 1010	03,10	4
CHEM 1061	Principles of Chemistry I	View-CHEM 1061	03	4
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
History and the Social Behavioral Sciences - Complete 3 credits				

Electives

Additional courses, if needed, to reach 30 MnTC credits, and 60 total credits

Total Credits Required	60
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Program Overview

2026-2027

This program will examine the effects of exercise and physical activity on people in order to optimize their physical and mental health. Students will focus on the anatomy, physiology, biochemistry, biophysics of human movement, and applications to exercise and therapeutic rehabilitation.

This degree will prepare students for a plethora of career options, including clinical testing, personal training, sports management, physical therapy, strength and conditioning, athletic training, and cardiac rehabilitation among many others. In partnership with Southwest Minnesota State University, students can earn a bachelor's degree in Exercise Science on NHCC's campus.

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.

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.

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.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Exercise Science Transfer Pathway AS Program Roadmap Full Time](#)
 - [Exercise Science Transfer Pathway AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Finance and Investments Certificate

The Finance and Investments Certificate covers the basic functions of finance: business finance, financial planning and investments for professional development and/or career exploration.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BUS 1400	Business Mathematics	View-BUS 1400		3
BUS 1410	Introduction to Business Finance	View-BUS 1410		3
BUS 1430	Financial Statement Analysis	View-BUS 1430		2
BUS 1440	Personal Financial Planning	View-BUS 1440		3
BUS 1450	Investments	View-BUS 1450		3

NHCC Residency and GPA

4 Credits must be earned at NHCC

Total Credits Required

14

Program Overview

2026-2027

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

Program Outcomes

Intellectual and Practical Skills, focused by:

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

Integrative and Applied Learning, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Finance Investment Certificate Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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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1-800-621-7440

Finance Management AAS

The Finance Management AAS degree program provides a background for entry-level positions in financial occupations.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 1100	Introduction to Business	View-BUS 1100		3
BUS 1110	Human Relations & Professional Skills	View-BUS 1110		3
BUS 1220	Effective Supervision	View-BUS 1220		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3

Program Courses - Finance Specialty

Course Code	Title	Course Outlines	Goal Areas	Credits
BUS 1400	Business Mathematics	View-BUS 1400		3
BUS 1410	Introduction to Business Finance	View-BUS 1410		3
BUS 1430	Financial Statement Analysis	View-BUS 1430		2
BUS 1440	Personal Financial Planning	View-BUS 1440		3
BUS 1450	Investments	View-BUS 1450		3
BUS 1810	Entrepreneurship	View-BUS 1810		4
CIS 1220	Decision Making Excel	View-CIS 1220		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2

MnTC Electives

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

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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

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 a 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.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- **Finance Management AAS Program Roadmap Full Time**

- [Finance Management AAS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 6071 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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Game Programming Certificate

The Game Programming Certificate provides students with an opportunity to learn how to create interactive computer games, including web-based games. The program is ideal for students who want to acquire skills needed for game design and programming.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 1030	Programming for the Internet	View-CSCI 1030		3
CSCI 1035	Introduction to Computer Programming with Games	View-CSCI 1035		4

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 4 credits				
CSCI 1120	Programming in C/C++ OR	View-CSCI 1120		4
CSCI 1130	Introduction to Programming in Java (CS0) OR	View-CSCI 1130		4
CSCI 1150	Programming in C# for .NET	View-CSCI 1150		4
Program Electives - 5 credits				
CSCI 1020	Beginning Web Page Programming OR	View-CSCI 1020		1
CSCI 1025	Responsive Web Design OR	View-CSCI 1025		1
CSCI 1040	Fundamentals of Structured Query Language (SQL) OR	View-CSCI 1040		3
CSCI 1990	Computer Science Special Topics OR	View-CSCI 1990		1-4
CSCI 2011	Programming in Python OR	View-CSCI 2011		1
CSCI 2060	Web Programming in ASP.NET	View-CSCI 2060		4

NHCC Residency and GPA

5 Credits must be earned at NHCC	
Total Credits Required	16

Program Overview

2026-2027

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 the programming language chosen by the instructor. The Certificate offers a choice between the three most popular programming languages: Java, C++ and C#.

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 the major general computer languages
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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.

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.

Accreditation

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Gender and Women's Studies Emphasis AA

Students in the Gender and Women's Studies Emphasis AA program examine gender through many lenses, including history, psychology, sociology, arts and humanities.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
GWS 1501	Introduction to Gender and Women's Studies AND	View-GWS 1501	05,7A,7B	3
ENGL 2350	Women and Literature AND	View-ENGL 2350	06,7A	3
PSYC 1170	Psychology of Gender AND	View-PSYC 1170	05,7B	3
BIOL 1350	Biology of Women OR	View-BIOL 1350	03	3
BIOL 1360	Biology of Women with a Lab	View-BIOL 1360	03	4

Program Electives - 12 credits

Course Code	Title	Course Outlines	Goal Areas	Credits
GWS 1501	Introduction to Gender and Women's Studies OR	View-GWS 1501	05,7A,7B	3
GWS 1502	Human Trafficking OR	View-GWS 1502	08,09,7A	3
GWS 1503	Analyzing Gender Identities OR	View-GWS 1503	05,09,7A	3
GWS 1505	War and Gender	View-GWS 1505	05,09	3
GWS 1509	Global Feminism OR	View-GWS 1509	08,09	3
SOC 2210	Social Inequality	View-SOC 2210	05,7A	3

General Education

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3

Natural Science - 3 or 4 credits

(Note - If a student takes BIO 1350, they must take a course in goal area 3 that includes a lab from a department other than biology. If a 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 - 3 credits

Social Behavioral Sciences (Goal Area 5) - 3 credits: ANTH1010(3), ANTH1130(3), ANTH1140(3), ECON1050(3), ECON1060(3), GCST1501(3), GCST1504(3), GCST1505(3), GCST1964(4), GWS1504(3), GWS1504(3), ECON1070(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1230(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SOC2750(3)

(Note – Several GWS electives include goal area 5. Students will probably satisfy this requirement with electives.)

Humanities and Fine Arts - 6 credits

The Humanities Fine Arts (Goal Area 6) - 3 credits: ARBC1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1120(3), PHIL1220(3), PHIL1230(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)

Global Perspective - 3 credits

Global Perspective (Goal Area 8) - 3 credits: ANTH1010(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1601(3), ART1602(3), ART1650(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL2201(4), ASL2202(4), COMM1310(3), COMM1510(3), COMM1710(3), ECON1060(3), ENGL2250(3), ENGL2360(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST2250, GEOG1040(3), GEOG1100(3), GEOG1190(3), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST2500(3), HUM1210(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), PHIL1010(3), PHIL1030(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1210(3), POLS1600(3), POLS1700(3), PSYC2350(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1260(3), TFT1320(3), TFT1710(3)

Ethical and Civic Responsibility - 3 credits

Ethical Civic Responsibility - 3 credits: COMM1610(3), COMM1810(3), COMM2610(3), ECON1050(3), ENGL2390(3), ENGL2950(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1301(3), GCST1320(3), GCST1502(3), GCST1503(3), GCST1504(3), GCST1505(3), GWS1502(3), GWS1503(3), GCST1964(4), GWS1504(3), GWS1505(3), HIST1230(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1210(3), INTD1211(3), INTD1212(3), PHIL1020(3), PHIL1070(3), PHIL1110(3), PHIL1200(3), PHIL1210(3), PHIL1220(3), POLS1100(3), POLS1140(3), SOC1130(3)

(Note – Several GWS electives include goal area 9. Students will probably satisfy this requirement with electives)

People and the Environment - 3 credits

People the Environment - 3 credits: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), CHEM1010(4), EEVS1140(4), EEVS1150(4), EEVS1160(4), EEVS1170(2), EEVS1180(2), EEVS1190(2), EEVS1200(3), EEVS1201(1), EEVS1210(2), EEVS2000(3), ENGL2340(3), GCST1030(3), GCST1040(3), GCST2320(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1000(4), NSCI1110(4), NSCI1120(4), NSCI1140(4), NSCI1170(2), NSCI1180(2), NSCI1190(2), NSCI1200(3), NSCI1201(1), NSCI1210(2), PHIL1200(3), PHIL1230(3), PSYC1220(3)

Health or Exercise Science - 2 credits

HEALTH AND EXERCISE SCIENCE - 2 CREDITS

Additional Electives, if necessary, for a total of 60 credits:

Additional courses, if necessary, to reach 60 credits total

NHCC Residency and GPA

15 Credits must be earned at NHCC: 2.00 Overall GPA for NHCC Courses

Total Credits Required	60
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Program Overview

2026-2027

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 Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Gender and Women's Studies AA Full Time**](#)
- [**Gender and Women's Studies AA Part Time**](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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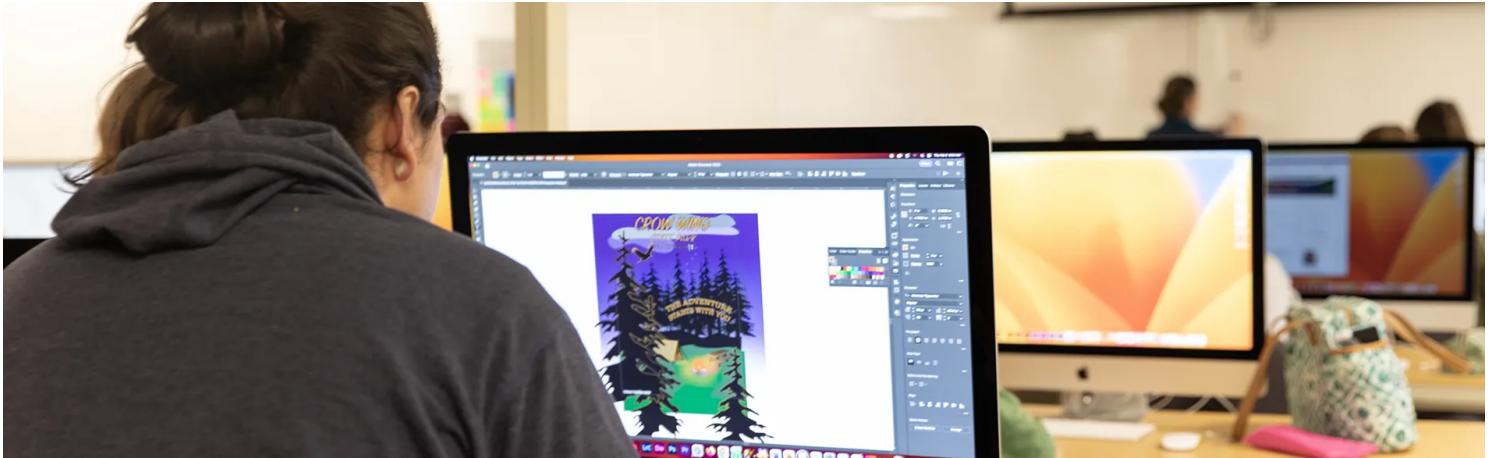
Accreditation

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Graphic Design AS

If you love to create, the Graphic Design AS degree is a great opportunity to turn your passion into a career. Students begin the program with a solid foundation in fine arts, including drawing, painting, color theory, and photography to begin thinking like designers, then transition to courses utilizing the latest digital tools and software to create advanced concepts and projects. Small class sizes and instruction from accomplished faculty artists and designers prepare students for a career in graphic design in a variety of settings.

Curriculum

Program Courses: Fine Arts

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1040	Art Appreciation	View-ART 1040	06,08	3
ART 1301	Two Dimensional Design I	View-ART 1301	06	3
ART 1310	Three Dimensional Design	View-ART 1310	06	3
ART 1340	Fundamentals of Color	View-ART 1340	06	3
ART 1401	Drawing I	View-ART 1401	06	3
ART 2611	Painting I	View-ART 2611	06	3
ART 1101	Photography I OR	View-ART 1101	06	3
ART 1160	Digital Photography	View-ART 1160	06	3

Program Courses: Graphic Design

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 2540	Illustration	View-ART 2540		3
ART 2550	Typography	View-ART 2550		3
ART 2561	Web Design I	View-ART 2561		3
ART 2562	Web Design II	View-ART 2562		3
ART 2601	Advanced Graphic Design I	View-ART 2601		3
ART 2602	Advanced Graphic Design II	View-ART 2602		3
ART 2811	AI, AR, Animation	View-ART 2811		2
ART 2901	Graphic Design Tools I	View-ART 2901		3
ART 2902	Graphic Design Tools II	View-ART 2902		3

General Education Course

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4

MnTC Electives

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

15 Credits must be earned at NHCC	
Total Credits Required	60
Notes To complete the Minnesota Transfer Curriculum, in addition to the courses listed above the student will need to take these additional goal area credits: Goal Area 1: ENGL 1202 College Writing II 2 credits Goal Area 1: Speech course 3 credits Goal Area 3: 4 credits or 7 credits (if Goal Area 4 Math course was taken to fulfill the option for this degree) with lab component on one of the course choices in this goal area Goal Area 4: 3 credits, if student has no Goal Area 4 classes Goal Area 5: 6 credits Goal Areas 7, 9, and 10: 6 additional credits (beyond the 3 credits selected in the program) with 3 credits in each of the areas	

Program Overview

2026-2027

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

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

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

The NHCC Associate of Science in Graphic Design degree is for students who are interested in: Working as graphic designers, web/interactive designers, art directors, production artists, illustrators or in related jobs at design studios, advertising agencies, marketing and public relations companies, corporate art departments, magazines, websites and newspapers, working as self employed (freelance) graphic designers, web/interactive designers, or illustrators, continuing study in a baccalaureate or professional degree program for graphic design, web/interactive design, or illustration. The degree is friendly towards continuing studies in graphic design at a 4year college/university. Talk with an academic advisor (<http://nhcc.edu/studentresources/academicadvising>) about possibilities for continuing study, and about determining the best sequence of fine arts core courses to take before moving into graphic design courses.

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

Program Outcomes

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

- Demonstrating skill in the foundation studio arts courses

Develop intellectual and practical skills, including:

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

Demonstrate personal and social responsibility, including:

- Developing constructive, organized work habits and professional presentation skills

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

Integrative Learning, including:

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Graphic Design AS Program Roadmap Full Time](#)
- [Graphic Design AS Program Roadmap Part Time](#)

Career Opportunities

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Transfer Information

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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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Health AS

The Health Associate of Science Degree 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 live healthy lives.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
HLTH 1030	Personal and Community Health	View-HLTH 1030		3
HLTH 1050	Stress Management	View-HLTH 1050		3
HLTH 1070	Nutrition	View-HLTH 1070		3
HLTH 1080	Consumer Health	View-HLTH 1080		3
HLTH 2020	Introduction to Health	View-HLTH 2020		3
HLTH 2040	Foundations and Theory in Health	View-HLTH 2040		3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 3 of the 5 following classes:				
HLTH 1010	Health Terminology OR	View-HLTH 1010		3
HLTH 1060	Drugs and Health OR	View-HLTH 1060		3
HLTH 1900	Healthy Sexuality OR	View-HLTH 1900		3
HLTH 2030	Global Health OR	View-HLTH 2030		3
HLTH 2080	Environmental Health	View-HLTH 2080		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
BIOL 1001	Biology I	View-BIOL 1001	03	4
BIOL 2111	Human Anatomy and Physiology I	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II	View-BIOL 2112	03	4
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
MATH 1120	College Algebra	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3
PHIL 1220	Health Care Ethics	View-PHIL 1220	02,06,09	3
PSYC 1150	General Psychology	View-PSYC 1150	05	3

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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 live 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 alcohol awareness, 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 for their Community Health Program, BS and Winona State University for their Public Health - Community Health Specialist Emphasis, BS and their Health and Wellness Management BAS.

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 work in.

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 the community. promote holistic health care standards.

Personal and Social Responsibility and Engagement:

- Promote healthy behaviors through evidence based data and apply these findings to strategies in the classroom to promote holistic health care standards.
- Identify the socioeconomic, behavioral, biological, environmental, and other factors that impact 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 and current information which will help educate students and their future clients.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Health AS Program Roadmap Full Time](#)
 - [Health AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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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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Health Sciences Broad Field AS

The Health Sciences Broad Field AS degree allows students to explore the health sciences field before transferring to complete a bachelor's degree. Through completing a variety of health sciences courses, students can explore their interests before deciding on area of focus for their bachelor's degree. The program is designed to transfer to a variety of bachelor's degree programs in related health career fields.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIOL 1001	Biology I	View-BIOL 1001	03	4
BIOL 2100	Microbiology	View-BIOL 2100	03	4
BIOL 2111	Human Anatomy and Physiology I	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II	View-BIOL 2112	03	4
CHEM 1061	Principles of Chemistry I	View-CHEM 1061	03	4
College Algebra:				
MATH 1120	College Algebra	View-MATH 1120	04	3
or				
MATH 1150	College Algebra	View-MATH 1150	04	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
All General Education Courses must be completed with a grade of C better:				
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3
PHIL 1220	Health Care Ethics	View-PHIL 1220	02,06,09	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4
PSYC 1250	Life Span Developmental Psychology	View-PSYC 1250	05	4
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2

Additional Requirements

Course Code	Title	Course Outlines	Goal Areas	Credits
HLTH 1070	Nutrition	View-HLTH 1070		3
7-8 elective credits 1000 level+, to reach 60 credits				
Total Credits Required		60		

Program Overview

2026-2027

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

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate comprehension of human and biological systems

Intellectual and Practical Skills:

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

Personal and Social Responsibility and Engagement:

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

Integrative and Applied Learning:

- Apply mathematical and logical thinking

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- **Health Science Broad Field AS Program Roadmap Full Time**

- [Health Science Broad Field AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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Degree Information

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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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Human Services AS

The Human Services AS degree program prepares students to provide information, support, care, and advocacy in a variety of Human Services settings. As part of the learning experience, students explore the Human Services generalist roles as they advocate and help individuals, families, and communities.

Curriculum

Program Courses: Human Services Core Curriculum

Course Code	Title	Course Outlines	Goal Areas	Credits
HSER 1100	Introduction to Human Services and Social Work	View-HSER 1100		3
HSER 1200	Multicultural Awareness in Human Services	View-HSER 1200		3
HSER 1300	Crisis Assessment and Intervention	View-HSER 1300		3
HSER 1400	Basic Interviewing Skills	View-HSER 1400		3
HSER 1500	Group Processes	View-HSER 1500		3
HSER 1610	Professionalism in Human Services	View-HSER 1610		2
HSER 1700	Family Functions and Interactions	View-HSER 1700		3
HSER 1800	Mental Health Awareness in Human Services	View-HSER 1800		3
HSER 1900	Current Human Services Topics	View-HSER 1900		3
HSER 2100	Human Services Seminar	View-HSER 2100		1
HSER 2101	Human Services Internship	View-HSER 2101		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BIOL 1130	Human Biology with a Lab	View-BIOL 1130	03	4
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3
PHIL 1220	Health Care Ethics	View-PHIL 1220	02,06,09	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2

MnTC Electives

[7 credits from MnTC Goal Areas 4, 6 or 10](#)

NHCC Residency and GPA

15 Credits must be earned at NHCC

Electives

Additional credits, if needed, to reach 60 credits

Total Credits Required	60
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Program Overview

2025-2026

This degree has an articulation agreement to Metropolitan State University for their Human Services BS Program.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Human Services AS Program Roadmap Full Time](#)
 - [Human Services AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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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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Individualized Studies AS

The Individualized Studies AS degree is designed for working professionals who want to tailor their education to their career goals.

Curriculum

Program Planning Course

Course Code	Title	Course Outlines	Goal Areas	Credits
PLA 1010	Individualized Studies Development	View-PLA 1010		2

Individualized Program Courses

25 credits are designed by the student to fit their career goals

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1000 CIS1101 - 1 course				
CIS 1101	Business Computer Systems I OR	View-CIS 1101		3
CSCI 1000	Computer Basics	View-CSCI 1000		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1010 COMM1110 - 1 course				
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3

MnTC Electives

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

15 Credits must be earned at NHCC	
Total Credits Required	60

Program Overview

2026-2027

The Associate of Science in Individualized Studies is designed for students who are currently working or have experience in a professional career. The student defined curriculum is designed to offer students the opportunity to develop career related goals and pursue a program which is uniquely special and focuses on educational and professional development. There is a separate application required for this degree program.

The Associate of Science in Individualized Studies is designed to articulate to:Metropolitan State University B.A. in Individualized Studies degree.

Program 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.
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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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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Internet Programming Certificate

The Internet Programming Certificate concentrates on the methodological and technical aspects of software design and programming. Students acquire expertise in software design, coding, and testing, in addition to essential knowledge of development methodology.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Courses - 19 credits				
CSCI 1020	Beginning Web Page Programming OR	View-CSCI 1020		1
CSCI 1025	Responsive Web Design OR	View-CSCI 1025		1
CSCI 1030	Programming for the Internet OR	View-CSCI 1030		3
CSCI 1040	Fundamentals of Structured Query Language (SQL) OR	View-CSCI 1040		3
CSCI 1130	Introduction to Programming in Java (CS0) OR	View-CSCI 1130		4
CSCI 1150	Programming in C# for .NET OR	View-CSCI 1150		4
CSCI 1990	Computer Science Special Topics OR	View-CSCI 1990		1-4
CSCI 2001	Object Oriented Programming (CS1) OR	View-CSCI 2001		4
CSCI 2011	Programming in Python OR	View-CSCI 2011		1
CSCI 2030	Database Modeling and Design OR	View-CSCI 2030		4
CSCI 2060	Web Programming in ASP.NET	View-CSCI 2060		4

NHCC Residency and GPA

6 Credits must be earned at NHCC

Total Credits Required	19
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Program Overview

2026-2027

The Internet Programming Certificate concentrates on the methodological and technical aspects of software design and programming. The students will acquire expertise in software design, coding and testing in addition to essential knowledge of development methodology. To ensure their success in the workplace, students will learn how to 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 Outcomes

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

- Designing appealing and functional user interfaces

Intellectual and Practical Skills, including:

- How to program in Java
 - How to design and deploy a Web site
 - Specifics of programming Internet based applications and services
 - How to program ASP.NETbased Websites utilizing C# language
 - How to handle the data associated with Web applications and services
-

Career Opportunities

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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 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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Liberal Arts AA

If you want to earn a two-year degree that lets you keep your career and transfer options open, the Liberal Arts Associate of Arts program is ideal. The Liberal Arts AA allows you to explore your interests, through a variety of required and elective coursework, before transferring to a bachelor's degree program.

Curriculum

Goal Area 1: Communication

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3
COMM 1910	Argumentation and Public Advocacy	View-COMM 1910	01,02	3

Goal Area 2: Critical Thinking

Completion of the MnTC fulfills Goal Area 2 Critical Thinking

There is no specific course requirement. Completion of the MnTC at NHCC fulfills the Goal Area 2 Critical Thinking Requirement. Completion of any degree at NHCC (AAS, AS, AFA AA) also fulfills the Critical Thinking requirement.

Goal Area 3: Natural Science

Course Code	Title	Course Outlines	Goal Areas	Credits
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course				
ANTH 1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory OR	View-ANTH 1020	03,10	3
BIOL 1000	Life Science OR	View-BIOL 1000	03	4
BIOL 1001	Biology I OR	View-BIOL 1001	03	4
BIOL 1101	Principles of Biology I OR	View-BIOL 1101	03	4
BIOL 1102	Principles of Biology II OR	View-BIOL 1102	03	4
BIOL 1120	Human Biology OR	View-BIOL 1120	03	3
BIOL 1130	Human Biology with a Lab OR	View-BIOL 1130	03	4
BIOL 1140	Introduction to Human Genetics and Origins OR	View-BIOL 1140	03	4
BIOL 1160	Global Environment Field Biology OR	View-BIOL 1160	03,10	4
BIOL 1200	Current Environmental Issues OR	View-BIOL 1200	10,03	4
BIOL 1350	Biology of Women OR	View-BIOL 1350	03	3
BIOL 1360	Biology of Women with a Lab OR	View-BIOL 1360	03	4
BIOL 1650	Human Biology Series OR	View-BIOL 1650	03	1
BIOL 2100	Microbiology OR	View-BIOL 2100	03	4

Course Code	Title	Course Outlines	Goal Areas	Credits
BIOL 2111	Human Anatomy and Physiology I OR	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II OR	View-BIOL 2112	03	4
BIOL 2360	Genetics OR	View-BIOL 2360	03	4
BIOL 2610	General Ecology OR	View-BIOL 2610	03	4
CHEM 1000	Chemistry and Society OR	View-CHEM 1000	03,10	4
CHEM 1010	Introduction to Chemistry OR	View-CHEM 1010	03,10	4
CHEM 1030	Introduction to Physical Sciences OR	View-CHEM 1030	03	4
CHEM 1061	Principles of Chemistry I OR	View-CHEM 1061	03	4
CHEM 1062	Principles of Chemistry II OR	View-CHEM 1062	03	4
CHEM 2061	Organic Chemistry I OR	View-CHEM 2061	03	5
NSCI 1100	Physical Geology OR	View-NSCI 1100	03	4
NSCI 1140	Historical Geology OR	View-NSCI 1140	03,10	4
EEVS 1160	Global Environmental Field Geology OR	View-EEVS 1160	03,10	4
NSCI 1200	Oceanography OR	View-NSCI 1200	03,10	3
NSCI 1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology OR	View-NSCI 1210	03,10	2

Course Code	Title	Course Outlines	Goal Areas	Credits
GEOG 1010	Physical Geography OR	View-GEOG 1010	03,10	3
PHYS 1000	Conceptual Physics OR	View-PHYS 1000	03	4
NSCI 1010	Science of Disaster Workshop I OR	View-NSCI 1010	03	1
NSCI 1020	Science of Disaster Workshop II OR	View-NSCI 1020	03	1
NSCI 1030	Science of Disaster Workshop III OR	View-NSCI 1030	03	1
PHYS 1050	Astronomy OR	View-PHYS 1050	03	4
PHYS 1060	The Solar System OR	View-PHYS 1060	03	3
NSCI 1061	Solar System Lab OR	View-NSCI 1061	03	1
PHYS 1070	Concepts of the Stars and Universe OR	View-PHYS 1070	03	3
NSCI 1071	Stars and the Universe Lab OR	View-NSCI 1071	03	1
PHYS 1120	Meteorology OR	View-PHYS 1120	03	4
NSCI 1140	Historical Geology OR	View-NSCI 1140	03,10	4
NSCI 1200	Oceanography OR	View-NSCI 1200	03,10	3
NSCI 1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology OR	View-NSCI 1210	03,10	2
PHYS 1000	Conceptual Physics OR	View-PHYS 1000	03	4

Course Code	Title	Course Outlines	Goal Areas	Credits
PHYS 1050	Astronomy OR	View-PHYS 1050	03	4
PHYS 1060	The Solar System OR	View-PHYS 1060	03	3
PHYS 1070	Concepts of the Stars and Universe OR	View-PHYS 1070	03	3
NSCI 1120	Meteorology OR	View-NSCI 1120	03	4
PHYS 1231	Principles of Physics I OR	View-PHYS 1231	03	4
PHYS 1232	Principles of Physics II OR	View-PHYS 1232	03	4
PHYS 1601	General Physics I OR	View-PHYS 1601	03	5
PHYS 1602	General Physics II	View-PHYS 1602	03	5

Goal Area 4: Mathematical/Logical Reasoning

Course Code	Title	Course Outlines	Goal Areas	Credits
Mathematical/Logical Reasoning - 1 course, at least 3 credits				
CSCI 2010	Discrete Mathematical Structures OR	View-CSCI 2010	02,04	4
MATH 1010	Survey of Mathematics OR	View-MATH 1010	04	3
MATH 1031	Math for Elementary Education I OR	View-MATH 1031	04	3
MATH 1032	Math for Elementary Education II OR	View-MATH 1032	04	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1130	Elementary Statistics OR	View-MATH 1130	04	3
MATH 1140	Finite Mathematics OR	View-MATH 1140	04	3
MATH 1120 OR				
MATH 1150	College Algebra OR	View-MATH 1150	04	3
MATH 1170	Pre-Calculus OR	View-MATH 1170	04	4
MATH 1180	College Algebra and Pre-Calculus OR	View-MATH 1180	04	5
MATH 1200	Calculus Survey OR	View-MATH 1200	04	3
MATH 1210	Applied Statistics OR	View-MATH 1210	02,04	4
MATH 1221	Calculus I OR	View-MATH 1221	04	5
MATH 1222	Calculus II OR	View-MATH 1222	04	5
MATH 2000	Discrete Mathematical Structures OR	View-MATH 2000	02,04	4
MATH 2220	Calculus III OR	View-MATH 2220	04	5
MATH 2300	Linear Algebra OR	View-MATH 2300	04	4
MATH 2400	Differential Equations OR	View-MATH 2400	04	4

Course Code	Title	Course Outlines	Goal Areas	Credits
PHIL 1050	Introduction to Logic	View-PHIL 1050	04	3

Goal Area 5: History and the Social and Behavioral Sciences

Course Code	Title	Course Outlines	Goal Areas	Credits
History and the Social and Behavioral Sciences - 3 courses, 9 credits				
ANTH 1010	Introduction to Anthropology: Cultural Anthropology OR	View-ANTH 1010	05,08	3
ANTH 1130	The Archaeology of Ancient Europe OR	View-ANTH 1130	05,10	3
ANTH 1140	Anthropology of Religion OR	View-ANTH 1140	05,7A	3
ECON 1050	Economics of Crime OR	View-ECON 1050	05,09	3
ECON 1060	Principles of Macroeconomics OR	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics OR	View-ECON 1070	05	3
GCST 1350	Immigration and Society OR	View-GCST 1350	05,7A	3
GCST 1490	Dave Larsen American Indian Immersion Experience OR	View-GCST 1490	05,09	4
GCST 1964	African American Civil Rights Immersion Experience OR	View-GCST 1964	09,7B	4
GEOG 1020	United States Geography OR	View-GEOG 1020	05,7B	3
GEOG 1040	Human Geography OR	View-GEOG 1040	05,08	3
GEOG 1100	World Geography OR	View-GEOG 1100	05,08	3
GWS 1501	Introduction to Gender and Women's Studies OR	View-GWS 1501	7A,05	3

Course Code	Title	Course Outlines	Goal Areas	Credits
GWS 1505	Women and War OR	View-GWS 1505	05,09	3
HIST 1010	World History: Origins to 1300 OR	View-HIST 1010	02,05,08	3
HIST 1020	World History: 1300 to Present OR	View-HIST 1020	02,05,08	3
HIST 1120	History of Western Civilization 1550 to Present OR	View-HIST 1120	02,05,08	3
HIST 1200	History of United States Through 1877 OR	View-HIST 1200	02,05,7B	3
HIST 1210	History of the United States Since 1877 OR	View-HIST 1210	05,7A	3
HIST 1230	U.S. Labor History OR	View-HIST 1230	02,05,09	3
HIST 1270	Race in America OR	View-HIST 1270	05,7A	3
HIST 2500	World Regional History OR	View-HIST 2500	05,08	3
HIST 2700	History and Popular Culture OR	View-HIST 2700	05,09	3
POLS 1100	American Government and Politics OR	View-POLS 1100	05,09	3
POLS 1140	State and Local Politics OR	View-POLS 1140	05,09	3
POLS 1600	Comparative Politics OR	View-POLS 1600	05,08	3
POLS 1700	World Politics OR	View-POLS 1700	05,08	3
POLS 2130	Constitutional Law OR	View-POLS 2130	05	3

Course Code	Title	Course Outlines	Goal Areas	Credits
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology OR	View-PSYC 1160	05,09	4
PSYC 1165	Psychology of Adjustment OR	View-PSYC 1165	05,7B	3
PSYC 1170	Psychology of Gender OR	View-PSYC 1170	05,7B	3
PSYC 1210	Child Development OR	View-PSYC 1210	05	3
PSYC 1220	Psychology of Aging OR	View-PSYC 1220	05,10	3
PSYC 1250	Life Span Developmental Psychology OR	View-PSYC 1250	05	4
SOC 2110	Principles of Social Psychology OR	View-SOC 2110	7A,05	3
PSYC 2320	Psychological Disorders OR	View-PSYC 2320	05	3
PSYC 2330	Personality Psychology OR	View-PSYC 2330	05	3
PSYC 2340	Human Sexuality OR	View-PSYC 2340	05	3
PSYC 2350	Multicultural Psychology OR	View-PSYC 2350	05,08	3
SOC 1110	Introduction to Sociology OR	View-SOC 1110	05,7B	3
SOC 1710	Introduction to Criminal Justice OR	View-SOC 1710	05	3
SOC 1750	Families in Crisis OR	View-SOC 1750	05	3
PSYC 2110	Principles of Social Psychology OR	View-PSYC 2110	05,7A	3
SOC 2210	Social Inequality OR	View-SOC 2210	05,7A	3
SOC 2730	Introduction to Corrections	View-SOC 2730	05	3

Goal Area 6: The Humanities and Fine Arts

Course Code	Title	Course Outlines	Goal Areas	Credits
Humanities and Fine Arts - 3 courses, 9 credits, from at least 2 different disciplines				
ARBC 1030	Arab Cultures OR	View-ARBC 1030	06,08	3
ART 1010	Art Museum Tour: European Art OR	View-ART 1010	06	1
ART 1020	Art Museum Tour: World Art OR	View-ART 1020	06	1
ART 1040	Art Appreciation OR	View-ART 1040	06,08	3
ART 1050	Foundation of Digital Imaging OR	View-ART 1050	06	3
ART 1101	Photography I OR	View-ART 1101	06	3
ART 1102	Photography II OR	View-ART 1102	06	3
ART 1160	Digital Photography OR	View-ART 1160	06	3
ART 1270	Digital Video Production OR	View-ART 1270	06	3
ART 1301	Two Dimensional Design I OR	View-ART 1301	06	3
ART 1302	Two Dimensional Design II OR	View-ART 1302	06	3
ART 1310	Three Dimensional Design OR	View-ART 1310	06	3
ART 1340	Fundamentals of Color OR	View-ART 1340	06	3
ART 1361	Ceramics I OR	View-ART 1361	06	3
ART 1362	Ceramics II OR	View-ART 1362	06	3
ART 1401	Drawing I OR	View-ART 1401	06	3
ART 1402	Drawing II OR	View-ART 1402	06	3
ART 1601	Art History I: Ancient to Medieval OR	View-ART 1601	06,08	3
ART 1602	Art History II: 15th Century to Contemporary OR	View-ART 1602	06,08	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1810	Studio Art Workshop OR	View-ART 1810	06	1
ART 2611	Painting I OR	View-ART 2611	06	3
ART 2612	Painting II OR	View-ART 2612	06	3
ART 2900	Studio Arts Capstone Practicum OR	View-ART 2900	06	1
ENGL 1250	Magazine Workshop OR	View-ENGL 1250	06	2
ENGL 1900	Introduction to Creative Writing OR	View-ENGL 1900	06	3
ENGL 1950	Graphic Novels OR	View-ENGL 1950	06	3
ENGL 2010	Writing Creative Non-Fiction and Memoir OR	View-ENGL 2010	06	3
ENGL 2020	Writing Stories OR	View-ENGL 2020	06	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2030	Writing Poetry OR	View-ENGL 2030	06	3
ENGL 2150	Introduction to Literary Studies OR	View-ENGL 2150	06	3
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
ENGL 2270	Modern American Literature OR	View-ENGL 2270	06	3
ENGL 2300	Children's Literature OR	View-ENGL 2300	06,7A	3
ENGL 2320	Writing: From Structure to Style OR	View-ENGL 2320	06,7A	3
ENGL 2330	Hmong American Literature OR	View-ENGL 2330	06	3
ENGL 2340	Nature in Literature OR	View-ENGL 2340	06,10	3
ENGL 2350	Women and Literature OR	View-ENGL 2350	06,7A	3
ENGL 2360	Global Literary Perspectives OR	View-ENGL 2360	06,7A	3
ENGL 2370	African American Literature OR	View-ENGL 2370	06,7A	3
ENGL 2380	American Indian Literature OR	View-ENGL 2380	06,7A	3
ENGL 2390	Work in American Literature OR	View-ENGL 2390	06,09	3
ENGL 2400	Utopian/Dystopian Literature OR	View-ENGL 2400	06,08	3
ENGL 2410	US Latinx and Latin American Literature OR	View-ENGL 2410	06,7A	3
ENGL 2450	Survey of American Literature I OR	View-ENGL 2450	06,7A	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2460	Survey of American Literature II OR	View-ENGL 2460	06,7A	3
ENGL 2500	Playwriting OR	View-ENGL 2500	06	3
ENGL 2540	Introduction to Literary Studies: Reading Poetry OR	View-ENGL 2540	06	3
ENGL 2550	Survey of British Literature I OR	View-ENGL 2550	06,08	3
ENGL 2560	Survey of British Literature II OR	View-ENGL 2560	06,08	3
ENGL 2580	Shakespeare's Plays OR	View-ENGL 2580	06,08	3
ENGL 2580	Shakespeare's Plays OR	View-ENGL 2580	06,08	3
ENGL 2590	Introduction to Literary Studies: American Short Story OR	View-ENGL 2590	06	3
ENGL 2900	Fantasy Literature OR	View-ENGL 2900	06,07,7A	3
ENGL 2950	Mystery and Detective Fiction OR	View-ENGL 2950	06,09	3
GCST 1030	Introduction to Japanese Culture OR	View-GCST 1030	06,10	3
GCST 1978	American Indian Cultural Expression OR	View-GCST 1978	06,7A	3
GCST 2410	US Latinx and Latin American Literature OR	View-GCST 2410	06,7A	3
MUSC 1130	Concert Choir OR	View-MUSC 1130	06	1
MUSC 1160	Large Instrumental Ensemble OR	View-MUSC 1160	06	1
MUSC 1170	Instrumental Jazz Ensemble OR	View-MUSC 1170	06	1

Course Code	Title	Course Outlines	Goal Areas	Credits
MUSC 1180	Small Group Performance Ensemble OR	View-MUSC 1180	06	1
MUSC 1190	Garage Band OR	View-MUSC 1190	06	2
MUSC 1200	Fundamentals of Music OR	View-MUSC 1200	06	3
MUSC 1220	Music Appreciation OR	View-MUSC 1220	06,08	3
MUSC 1241	Music Theory I OR	View-MUSC 1241	06	3
MUSC 1242	Music Theory II OR	View-MUSC 1242	06	3
MUSC 1300	Music in World Cultures OR	View-MUSC 1300	06,08	3
MUSC 1350	History of Rock and Roll OR	View-MUSC 1350	06	3
MUSC 1370	Video Game Music OR	View-MUSC 1370	06	3
MUSC 1501	Class Guitar I OR	View-MUSC 1501	06	2
MUSC 1510	Applied Music: Guitar OR	View-MUSC 1510	06	1
MUSC 1600	Class Voice OR	View-MUSC 1600	06	2
MUSC 1610	Applied Music: Voice OR	View-MUSC 1610	06	1
MUSC 1801	Class Piano I OR	View-MUSC 1801	06	2
MUSC 1802	Class Piano II OR	View-MUSC 1802	06	2

Course Code	Title	Course Outlines	Goal Areas	Credits
MUSC 1810	Applied Music: Piano OR	View-MUSC 1810	06	1
MUSC 1830	Applied Music: Strings OR	View-MUSC 1830	06	1
MUSC 1850	Applied Music: Percussion OR	View-MUSC 1850	06	1
MUSC 1860	Applied Music: Brass OR	View-MUSC 1860	06	1
MUSC 1870	Applied Music: Woodwinds OR	View-MUSC 1870	06	1
MUSC 1990	Music Special Topics OR	View-MUSC 1990		1-4
MUSC 2010	Advanced Applied Music Lessons OR	View-MUSC 2010	06	2
MUSC 2170	History of Music I: Medieval Through Classical Eras OR	View-MUSC 2170	06,08	3
MUSC 2180	History of Music II: Romantic Era to the 21st Century OR	View-MUSC 2180	06,08	3
MUSC 2241	Music Theory III OR	View-MUSC 2241	06	3
MUSC 2242	Music Theory IV OR	View-MUSC 2242	06	3
MUSC 2970	Music Tour OR	View-MUSC 2970	06	1
PHIL 1010	Introduction to Philosophy OR	View-PHIL 1010	06,08	3
PHIL 1020	Ethics OR	View-PHIL 1020	06,09	3
PHIL 1060	Philosophy of Religion OR	View-PHIL 1060	06,08	3

Course Code	Title	Course Outlines	Goal Areas	Credits
PHIL 1070	Political Philosophy OR	View-PHIL 1070	06,09	3
PHIL 1080	Comparative World Religions OR	View-PHIL 1080	06,08	3
PHIL 1120	Ethics in Organizations OR	View-PHIL 1120	06,09	3
PHIL 1200	Environmental Philosophy OR	View-PHIL 1200	06,10	3
PHIL 1210	Global Justice, Peace and Conflict OR	View-PHIL 1210	06,08	3
PHIL 1220	Health Care Ethics OR	View-PHIL 1220	02,06,09	3
PHIL 1230	Food Ethics OR	View-PHIL 1230	06,10	3
SPAN 1030	Spanish and Latin American Culture OR	View-SPAN 1030	06,08	3
SPAN 2201	Intermediate Spanish I OR	View-SPAN 2201	06,08	5
SPAN 2202	Intermediate Spanish II OR	View-SPAN 2202	06,08	5
TFT 1200	Theatre in the Twin Cities OR	View-TFT 1200	06	3
TFT 1210	Introduction to Theatre OR	View-TFT 1210	06,7A	3
TFT 1250	Introduction to Film OR	View-TFT 1250	06	3
TFT 1260	Introduction to Television OR	View-TFT 1260	06,08	3
ART 1270	Digital Video Production OR	View-ART 1270	06	3
TFT 1280	Introduction to Screenwriting OR	View-TFT 1280	06	3
TFT 1310	American Cinema OR	View-TFT 1310	06,7A	3
TFT 1320	World Cinema OR	View-TFT 1320	06,08	3
TFT 1350	The American Musical Theatre OR	View-TFT 1350	06,7A	3
TFT 1450	Stagecraft OR	View-TFT 1450	06	3

Course Code	Title	Course Outlines	Goal Areas	Credits
TFT 1500	Acting I OR	View-TFT 1500	02,06	3
TFT 1510	Movement and Voice OR	View-TFT 1510	02,06	3
TFT 1531	Stage Combat I OR	View-TFT 1531	06	3
TFT 1532	Stage Combat II OR	View-TFT 1532	06	3
TFT 1540	Acting for the Camera OR	View-TFT 1540	06	3
TFT 1600	Theatre Practicum: Performance OR	View-TFT 1600	02,06	1-3
TFT 1610	Theatre Practicum: Technical OR	View-TFT 1610	02,06	1
TFT 2010	Fundamentals of Directing OR	View-TFT 2010	06	3
TFT 2150	Play Analysis OR	View-TFT 2150	02,06,7B	3
ENGL 2500	Playwriting OR	View-ENGL 2500	06	3
TFT 2950	Theatre Appreciation Field Trip	View-TFT 2950	06	1-3

Goal Area 7: Human Diversity

Course Code	Title	Course Outlines	Goal Areas	Credits
ANTH 1140	Anthropology of Religion OR	View-ANTH 1140	05,7A	3
ASL 1300	Deaf Culture OR	View-ASL 1300	7A	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1310	Intercultural Communication OR	View-COMM 1310	08,7A	3
ENGL 2300	Children's Literature OR	View-ENGL 2300	06,7A	3
ENGL 2320	Writing: From Structure to Style OR	View-ENGL 2320	06,7A	3
ENGL 2350	Women and Literature OR	View-ENGL 2350	06,7A	3
ENGL 2360	Global Literary Perspectives OR	View-ENGL 2360	06,7A	3
ENGL 2370	African American Literature OR	View-ENGL 2370	06,7A	3
ENGL 2380	American Indian Literature OR	View-ENGL 2380	06,7A	3
GCST 2410	US Latinx and Latin American Literature OR	View-GCST 2410	06,7A	3
ENGL 2450	Survey of American Literature I OR	View-ENGL 2450	06,7A	3
ENGL 2460	Survey of American Literature II OR	View-ENGL 2460	06,7A	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2570	Introduction to Literary Studies: Reading Plays OR	View-ENGL 2570	06,7A	3
ENGL 2900	Fantasy Literature OR	View-ENGL 2900	06,07,7A	3
GCST 1040	American Indian Culture - Indigenous Peoples of Minnesota OR	View-GCST 1040	10,7A	3
GCST 1220	Practical Applications of Traditional Aikido OR	View-GCST 1220	09,7A	2
GCST 1301	Introduction to Ethnic Studies OR	View-GCST 1301	09,7A	3
GCST 1320	Community Organizing I OR	View-GCST 1320	09,7A	3
GCST 1380	Personal Story Telling OR	View-GCST 1380	7A	2
GCST 1700	Foundations of Racial Justice OR	View-GCST 1700	7A	3
GCST 1978	American Indian Cultural Expression OR	View-GCST 1978	06,7A	3
GCST 2410	US Latinx and Latin American Literature OR	View-GCST 2410	06,7A	3
GEOG 1020	United States Geography OR	View-GEOG 1020	05,7B	3
GWS 1501	Introduction to Gender and Women's Studies OR	View-GWS 1501	7A,05	3
GWS 1502	Human Trafficking OR	View-GWS 1502	08,09,7A	3
GWS 1503	Analyzing Gender Identities OR	View-GWS 1503	09,7A	3
GWS 1507	Mass Incarceration OR	View-GWS 1507	7A,09	3
HIST 1200	History of United States Through 1877 OR	View-HIST 1200	02,05,7B	3

Course Code	Title	Course Outlines	Goal Areas	Credits
HIST 1210	History of the United States Since 1877 OR	View-HIST 1210	05,7A	3
HIST 1270	Race in America OR	View-HIST 1270	05,7A	3
PSYC 1165	Psychology of Adjustment OR	View-PSYC 1165	05,7B	3
PSYC 1170	Psychology of Gender OR	View-PSYC 1170	05,7B	3
PSYC 2110	Principles of Social Psychology OR	View-PSYC 2110	05,7A	3
SOC 1110	Introduction to Sociology OR	View-SOC 1110	05,7B	3
SOC 1130	Social Problems OR	View-SOC 1130	7A,09,7B	3
PSYC 2110	Principles of Social Psychology OR	View-PSYC 2110	05,7A	3
SOC 2210	Social Inequality OR	View-SOC 2210	05,7A	3
TFT 1210	Introduction to Theatre OR	View-TFT 1210	06,7A	3
TFT 1310	American Cinema OR	View-TFT 1310	06,7A	3
TFT 1350	The American Musical Theatre	View-TFT 1350	06,7A	3

Goal Area 8: Global Perspective

Course Code	Title	Course Outlines	Goal Areas	Credits
Global Perspective - 1 course				
ASL 1101	American Sign Language I (ASL I) OR	View-ASL 1101	08	4
ASL 1102	American Sign Language II (ASL II) OR	View-ASL 1102	08	4
ASL 2201	Intermediate American Sign Language (ASL III) OR	View-ASL 2201	08	4
ASL 2202	Intermediate American Sign Language (ASL IV) OR	View-ASL 2202	08	4
ANTH 1010	Introduction to Anthropology: Cultural Anthropology OR	View-ANTH 1010	05,08	3
ARBC 1030	Arab Cultures OR	View-ARBC 1030	06,08	3
ARBC 1101	Introduction to Arabic OR	View-ARBC 1101	08	4
ARBC 1102	Beginning Arabic II OR	View-ARBC 1102	08	4
ARBC 2201	Intermediate Arabic I OR	View-ARBC 2201	08	4
ART 1040	Art Appreciation OR	View-ART 1040	06,08	3
ART 1601	Art History I: Ancient to Medieval OR	View-ART 1601	06,08	3
ART 1602	Art History II: 15th Century to Contemporary OR	View-ART 1602	06,08	3
ART 1650	Architectural History OR	View-ART 1650	06,08	2

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1310	Intercultural Communication OR	View-COMM 1310	08,7A	3
ECON 1060	Principles of Macroeconomics OR	View-ECON 1060	05,08	3
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
ENGL 2360	Global Literary Perspectives OR	View-ENGL 2360	06,7A	3
ENGL 2400	Utopian/Dystopian Literature OR	View-ENGL 2400	06,08	3
ENGL 2550	Survey of British Literature I OR	View-ENGL 2550	06,08	3
ENGL 2560	Survey of British Literature II OR	View-ENGL 2560	06,08	3
ENGL 2580	Shakespeare's Plays OR	View-ENGL 2580	06,08	3
GCST 1211	The History, Philosophy, and Practice of Traditional Aikido I OR	View-GCST 1211	08,09	3
GCST 1212	The History, Philosophy and Practice of Traditional Aikido II OR	View-GCST 1212	08,09	3
GCST 1213	The History, Philosophy, and Practice of Traditional Aikido III OR	View-GCST 1213	08,09	3
GCST 2250	Japanese Literature OR	View-GCST 2250	06,08	3
GCST 2320	Leadership through Social Change OR	View-GCST 2320	08,10	3
GEOG 1040	Human Geography OR	View-GEOG 1040	05,08	3
GEOG 1100	World Geography OR	View-GEOG 1100	05,08	3

Course Code	Title	Course Outlines	Goal Areas	Credits
HIST 1010	World History: Origins to 1300 OR	View-HIST 1010	02,05,08	3
HIST 1020	World History: 1300 to Present OR	View-HIST 1020	02,05,08	3
HIST 1030	Colonial History of the Americas OR	View-HIST 1030	05,08	3
HIST 1110	History of Western Civilization Pre 1550 OR	View-HIST 1110	02,05,08	3
HIST 1120	History of Western Civilization 1550 to Present OR	View-HIST 1120	02,05,08	3
HIST 2500	World Regional History OR	View-HIST 2500	05,08	3
MUSC 1220	Music Appreciation OR	View-MUSC 1220	06,08	3
MUSC 1300	Music in World Cultures OR	View-MUSC 1300	06,08	3
MUSC 2170	History of Music I: Medieval Through Classical Eras OR	View-MUSC 2170	06,08	3
MUSC 2180	History of Music II: Romantic Era to the 21st Century OR	View-MUSC 2180	06,08	3
PHIL 1010	Introduction to Philosophy OR	View-PHIL 1010	06,08	3
PHIL 1060	Philosophy of Religion OR	View-PHIL 1060	06,08	3
PHIL 1070	Political Philosophy OR	View-PHIL 1070	06,09	3
PHIL 1080	Comparative World Religions OR	View-PHIL 1080	06,08	3
PHIL 1210	Global Justice, Peace and Conflict OR	View-PHIL 1210	06,08	3

Course Code	Title	Course Outlines	Goal Areas	Credits
POLS 1600	Comparative Politics OR	View-POLS 1600	05,08	3
POLS 1700	World Politics OR	View-POLS 1700	05,08	3
PSYC 2350	Multicultural Psychology OR	View-PSYC 2350	05,08	3
SPAN 1030	Spanish and Latin American Culture OR	View-SPAN 1030	06,08	3
SPAN 1101	Beginning Spanish I OR	View-SPAN 1101	08	5
SPAN 1102	Beginning Spanish II OR	View-SPAN 1102	08	5
SPAN 2201	Intermediate Spanish I OR	View-SPAN 2201	06,08	5
SPAN 2202	Intermediate Spanish II OR	View-SPAN 2202	06,08	5
TFT 1260	Introduction to Television OR	View-TFT 1260	06,08	3
TFT 1320	World Cinema OR	View-TFT 1320	06,08	3

Goal Area 9: Ethical and Civic Responsibility

Course Code	Title	Course Outlines	Goal Areas	Credits
Ethical and Civic Responsibility - 1 course				
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3
COMM 2610	Introduction to Public Relations and Strategic Communication OR	View-COMM 2610	01,02,09	3
ECON 1050	Economics of Crime OR	View-ECON 1050	05,09	3
ENGL 2390	Work in American Literature OR	View-ENGL 2390	06,09	3
ENGL 2950	Mystery and Detective Fiction OR	View-ENGL 2950	06,09	3
GCST 1211	The History, Philosophy, and Practice of Traditional Aikido I OR	View-GCST 1211	08,09	3
GCST 1212	The History, Philosophy and Practice of Traditional Aikido II OR	View-GCST 1212	08,09	3
GCST 1213	The History, Philosophy, and Practice of Traditional Aikido III OR	View-GCST 1213	08,09	3
GCST 1220	Practical Applications of Traditional Aikido OR	View-GCST 1220	09,7A	2
GCST 1301	Introduction to Ethnic Studies OR	View-GCST 1301	09,7A	3
GCST 1320	Community Organizing I OR	View-GCST 1320	09,7A	3
GCST 1490	Dave Larsen American Indian Immersion Experience OR	View-GCST 1490	05,09	4

Course Code	Title	Course Outlines	Goal Areas	Credits
GCST 1964	African American Civil Rights Immersion Experience OR	View-GCST 1964	09,7B	4
GCST 2000	Theories of Race and Ethnicity OR	View-GCST 2000	09,7B	3
GWS 1502	Human Trafficking OR	View-GWS 1502	08,09,7A	3
GWS 1503	Analyzing Gender Identities OR	View-GWS 1503	09,7A	3
GWS 1505	Women and War OR	View-GWS 1505	05,09	3
GWS 1507	Mass Incarceration OR	View-GWS 1507	7A,09	3
HIST 1230	U.S. Labor History OR	View-HIST 1230	02,05,09	3
HIST 2700	History and Popular Culture OR	View-HIST 2700	05,09	3
PHIL 1020	Ethics OR	View-PHIL 1020	06,09	3
PHIL 1070	Political Philosophy OR	View-PHIL 1070	06,09	3
PHIL 1110	Informal Reasoning for Problem Solving OR	View-PHIL 1110	02,09	3
PHIL 1120	Ethics in Organizations OR	View-PHIL 1120	06,09	3
PHIL 1220	Health Care Ethics OR	View-PHIL 1220	02,06,09	3
POLS 1100	American Government and Politics OR	View-POLS 1100	05,09	3

Course Code	Title	Course Outlines	Goal Areas	Credits
POLS 1140	State and Local Politics OR	View-POLS 1140	05,09	3
SOC 1130	Social Problems	View-SOC 1130	7A,09,7B	3

Goal Area 10: People and the Environment

Course Code	Title	Course Outlines	Goal Areas	Credits
People and the Environment - 1 course				
ANTH 1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory OR	View-ANTH 1020	03,10	3
ANTH 1130	The Archaeology of Ancient Europe OR	View-ANTH 1130	05,10	3
BIOL 1160	Global Environment Field Biology OR	View-BIOL 1160	03,10	4
BIOL 1200	Current Environmental Issues OR	View-BIOL 1200	10,03	4
CHEM 1000	Chemistry and Society OR	View-CHEM 1000	03,10	4
CHEM 1010	Introduction to Chemistry OR	View-CHEM 1010	03,10	4
NSCI 1140	Historical Geology OR	View-NSCI 1140	03,10	4
EEVS 1150	Boundary Waters Field Geology OR	View-EEVS 1150	10,03	4
EEVS 1160	Global Environmental Field Geology OR	View-EEVS 1160	03,10	4
NSCI 1200	Oceanography OR	View-NSCI 1200	03,10	3

Course Code	Title	Course Outlines	Goal Areas	Credits
NSCI 1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology OR	View-NSCI 1210	03,10	2
ENGL 2340	Nature in Literature OR	View-ENGL 2340	06,10	3
GCST 1030	Introduction to Japanese Culture OR	View-GCST 1030	06,10	3
GCST 1040	American Indian Culture - Indigenous Peoples of Minnesota OR	View-GCST 1040	10,7A	3
GCST 2320	Leadership through Social Change OR	View-GCST 2320	08,10	3
GEOG 1010	Physical Geography OR	View-GEOG 1010	03,10	3
NSCI 1140	Historical Geology OR	View-NSCI 1140	03,10	4
NSCI 1200	Oceanography OR	View-NSCI 1200	03,10	3
NSCI 1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology OR	View-NSCI 1210	03,10	2
PHIL 1200	Environmental Philosophy OR	View-PHIL 1200	06,10	3
PHIL 1230	Food Ethics OR	View-PHIL 1230	06,10	3

Course Code	Title	Course Outlines	Goal Areas	Credits
PSYC 1220	Psychology of Aging	View-PSYC 1220	05,10	3

MnTC Note

[40 Credits from ALL MNTC Courses, Goal Areas 1-10](#)

Health Requirement

[Health and Exercise Science - 2 courses, 4 credits, one Health course and one Exercise Science course](#)

Electives

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

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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.

Program Outcomes

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

Develop intellectual and practical skills, including:

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

Demonstrate personal and social responsibility, including:

- Developing a code for personal and civic life as a responsible citizen in a democracy
- Maintaining good mental and physical health and social adjustment
- Seeking new knowledge independently

Integrative and applied learning, including:

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

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Liberal Arts AA Program Roadmap Full Time**](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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.

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Accreditation

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Management AAS

The Management AAS degree is designed for students wanting a diversified business background with an opportunity to concentrate on specialized functions of management.

Curriculum

Program Courses - Business Foundation

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2111	Financial Accounting	View-ACCT 2111		4
BUS 1100	Introduction to Business	View-BUS 1100		3
BUS 1110	Human Relations & Professional Skills	View-BUS 1110		3
BUS 1220	Effective Supervision	View-BUS 1220		3
BUS 2600	Principles of Marketing	View-BUS 2600		3
CIS 1101	Business Computer Systems I	View-CIS 1101		3

Program Courses - Management Specialty

Course Code	Title	Course Outlines	Goal Areas	Credits
ACCT 2112	Managerial Accounting	View-ACCT 2112		4
BUS 1300	Legal Environment of Business	View-BUS 1300		3
BUS 1510	Operations Management	View-BUS 1510		3
BUS 2630	Fundamentals of Sales and Service	View-BUS 2630		3
BUS 1810	Entrepreneurship	View-BUS 1810		4
BUS 2200	Principles of Management	View-BUS 2200		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
ECON 1060	Principles of Macroeconomics	View-ECON 1060	05,08	3
ECON 1070	Principles of Microeconomics	View-ECON 1070	05	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II	View-ENGL 1202	01,02	2

MnTC Electives

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

15 Credits must be earned at NHCC	
Total Credits Required	60

Program Overview

2026-2027

The Associate of Applied Science in Management is designed for students wanting a diversified business background with an opportunity to concentrate on specialized functions of management. Courses are delivered in the classroom and/or online. This certificate qualifies for the Workforce Investment Act.

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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Management AAS Program Roadmap Full Time**](#)
 - [**Management AAS Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 6071 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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Marketing Specialist Certificate

The Marketing Specialist Certificate is designed for students interested in professional careers in the fields of marketing.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 2901	Graphic Design Tools I AND	View-ART 2901		3
BUS 2600	Principles of Marketing AND	View-BUS 2600		3
BUS 2610	Consumer Behavior AND	View-BUS 2610		3
BUS 2620	Fundamentals of Promotion AND	View-BUS 2620		3
BUS 2630	Fundamentals of Sales and Service AND	View-BUS 2630		3
BUS 2640	Fundamentals of Digital Marketing	View-BUS 2640		3
Total Credits Required		18		

Program Overview

2026-2027

Marketing Specialist Certificate students experience hands-on class projects such as new product launches, sales presentations, and advertising media plans. Specialized courses in consumer behavior, promotion, sales, and digital marketing are taught by outstanding marketing and design faculty, bringing real-world expertise using state-of-the-art business software. Courses can be applied to the Marketing Specialist A.A.S. Degrees in Business.

Program Outcomes

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

- Define the role of consumer behavior, promotion, sales, and digital marketing in the marketing process and how they are integrated within an organization's overall strategy.

Intellectual and Practical Skills, focused by:

- Role-play sales situations individually or in teams to dramatize specific sales concepts and tactics.
- Proficiently use computers and graphic design software for graphic design projects.

Personal and Social Responsibility and Engagement, focused by:

- Identify and understand ethical dilemmas within the marketing, promotion, sales, and digital marketing environments.

Integrative and Applied Learning, including:

- Illustrate the marketing concept through the completion of a comprehensive marketing plan.

- Analyze consumer behavior situations and apply consumer behavior concepts to develop solutions.
 - Analyze marketing communication situations and develop promotional strategic solutions.
 - Apply various sales concepts in the construction of a comprehensive sales plan or the solutions to various comprehensive sales cases.
 - Learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Marketing Specialist Certificate Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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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Mass Communication Transfer Pathway AA

The Mass Communication AA at NHCC helps students develop knowledge and skills to participate in an ever-changing, multidisciplinary media environment.

Curriculum

Required Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
COMM 1310	Intercultural Communication AND	View-COMM 1310	08,7A	3
COMM 1610	Introduction to Mass Communication AND	View-COMM 1610	01,09	3
COMM 2610	Introduction to Public Relations and Strategic Communication AND	View-COMM 2610	01,02,09	3
ENGL 1800	Introduction to Journalism	View-ENGL 1800	01,09	3

Program Electives (Choose 6-9 Credits)

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 1270	Digital Video Production OR	View-ART 1270	06	3
ART 2561	Web Design I OR	View-ART 2561		3
BUS 2620	Fundamentals of Promotion	View-BUS 2620		3
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
PSYC 1150	General Psychology AND	View-PSYC 1150	05	3
SOC 1110	Introduction to Sociology AND	View-SOC 1110	05,7B	3
Natural Science - 2 courses, 7 credits from 2 different disciplines, one must be a lab course				
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits				
History and the Social and Behavioral Sciences (Goal Area 5) - 3 credits				
Humanities Fine Arts - 2 courses, 6-9 credits, from at least 2 different disciplines (ART 1050, ART/TFT 1270, ART/COMM 1550, MUSC 1350, MUSC 1370, TFT 1250, TFT 1320)				
People the Environment - 3 credits (ANTH 1020 GEOG 1010 Recommended)				
Health Exercise Science - 2 credits				

Total Credits Required	60
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Program Overview

2026-2027

The Mass Communication AA at NHCC helps students develop knowledge and skills to participate in an ever-changing, multidisciplinary media environment. Our program emphasizes the core values of ethics, creativity, cultural diversity, socialization, and representation in the media and prepares students with the foundational skills to continue on to a 4-year degree or enter the workforce in a digital or social media position.

NHCC's Mass Communication program directly transfers to designated bachelor's degree programs at Minnesota State Universities. All courses in the Transfer Pathway associate degree will directly transfer and apply to the designated bachelor's degree programs in a related field.

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Mathematics Transfer Pathway AA

This transfer pathway ensures that a student who successfully completes a Mathematics Transfer Pathway AA degree can transfer the full degree into a parallel bachelor's degree program in Mathematics at a Minnesota State university.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
MATH 1221	Calculus I	View-MATH 1221	04	5
MATH 1222	Calculus II	View-MATH 1222	04	5
MATH 2220	Calculus III	View-MATH 2220	04	5
Choose either Linear Algebra OR Differential Equations				
MATH 2300	Linear Algebra OR	View-MATH 2300	04	4
MATH 2400	Differential Equations	View-MATH 2400	04	4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
COMM 1610	Introduction to Mass Communication	View-COMM 1610	01,09	3
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1310	Intercultural Communication OR	View-COMM 1310	08,7A	3
COMM 1410 OR				
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3
COMM 1910	Argumentation and Public Advocacy OR	View-COMM 1910	01,02	3
COMM 2610	Introduction to Public Relations and Strategic Communication OR	View-COMM 2610	01,02,09	3

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 2900	Communications Capstone	View-COMM 2900		0

MnTC Electives

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, 9, 10 - Courses can 'double dip' 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

15 Credits must be earned at NHCC	
Total Credits Required	60

Program Overview

2026-2027

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.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

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
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- **Mathematics Transfer Pathway AA Full Time**

- [Mathematics Transfer Pathway AA Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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](#)

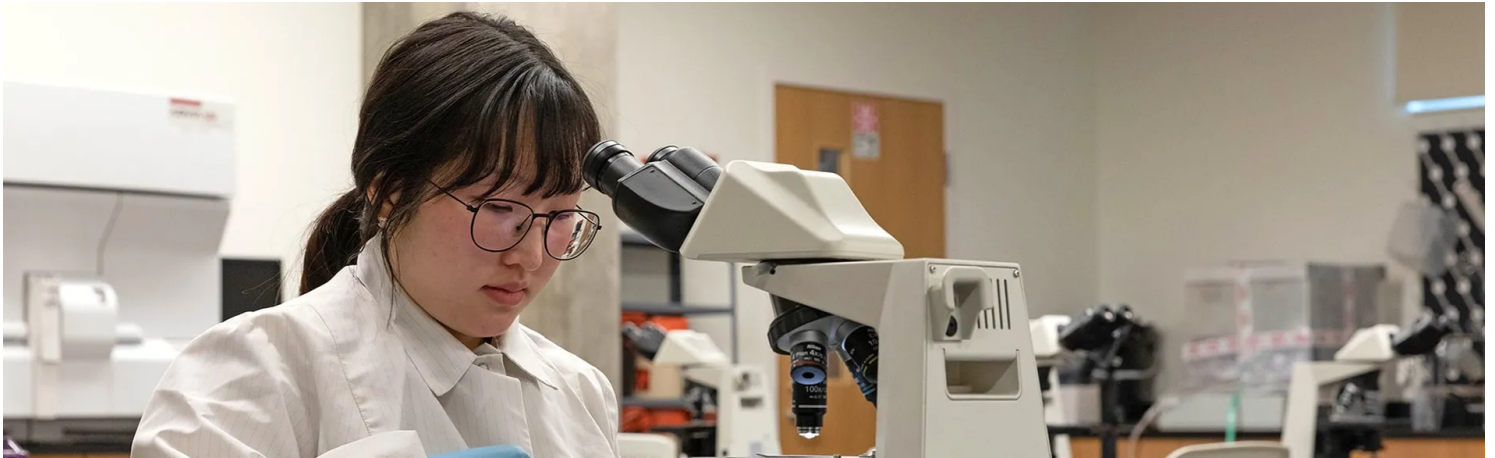
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Medical Laboratory Technology AAS

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.

Curriculum

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
1 course from BIOL1001, BIOL1101				
BIOL 1001	Biology I OR	View-BIOL 1001	03	4
BIOL 1101	Principles of Biology I	View-BIOL 1101	03	4
BIOL 1120	Human Biology	View-BIOL 1120	03	3
CHEM 1061	Principles of Chemistry I	View-CHEM 1061	03	4
CHEM 1062	Principles of Chemistry II	View-CHEM 1062	03	4
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
MATH 1150	College Algebra	View-MATH 1150	04	3
PHIL 1020	Ethics	View-PHIL 1020	06,09	3

Program Courses - MLT Didactic Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
MLT 1000	Clinical Laboratory Basics	View-MLT 1000		1
MLT 1100	Clinical Urinalysis/Body Fluids	View-MLT 1100		2
MLT 1200	Clinical Laboratory Instrumentation	View-MLT 1200		1
MLT 1250	Clinical Immunology	View-MLT 1250		2
MLT 2050	Clinical Hematology	View-MLT 2050		4
MLT 2080	Clinical Microbiology	View-MLT 2080		4
MLT 2100	Clinical Chemistry	View-MLT 2100		4
MLT 2150	Clinical Immunohematology	View-MLT 2150		3

Program Courses - MLT Clinical Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
MLT 2310	Applied Phlebotomy	View-MLT 2310		1
MLT 2320	Applied Hematology	View-MLT 2320		2
MLT 2330	Applied Coagulation	View-MLT 2330		1
MLT 2340	Applied Urinalysis	View-MLT 2340		1
MLT 2350	Applied Microbiology	View-MLT 2350		2
MLT 2360	Applied Immunohematology	View-MLT 2360		2
MLT 2380	Applied Chemistry	View-MLT 2380		2

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required

60

Notes

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

Program Overview

2026-2027

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 information that is vital to both diagnosing and treating disease. In fact, over 70% of all health care decisions are made based on laboratory results.

Through NHCC's MLT program, students will gain both knowledge and hands-on experience, making them highly desirable employees. Coursework includes theory in phlebotomy, urinalysis, clinical chemistry, hematology, immunology, microbiology, and immunohematology. Practical experience will be gained in student laboratories at NHCC and through a 12 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 specific courses are offered during daytime hours only. In the final semester, students are required to participate in clinical rotations, which will run Monday-Thursday for about eight hours each day or 32 hours a week for 12 weeks. 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. The MLT application deadline is March 1st for the fall semester start.

The Associate of Applied Science in Medical Laboratory Technology is designed to articulate to: Saint Cloud State University B.S. in Medical Laboratory Science degree

Completion of current Minnesota Human Services Background Check including fingerprints. If an applicant has been arrested, charged, or convicted of any criminal offense, he or she should investigate the impact that the charge or conviction may have on his or her chances of employment and the students chances to obtain federal, state, and other higher education financial aid (by Minnesota Statute 135A. 157). If the applicant refuses, or is disqualified because of the background study, the applicant will be unable to successfully complete the requirements of the program.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Develop entry level medical laboratory technology skills in a clinical setting to prepare them for the workplace.

Intellectual and Practical Skills:

- Develop and demonstrate professionalism and concern for the customer.
- Develop competence in the theoretical knowledge and technical skills necessary for proficient performance of clinical laboratory procedures.
- Utilize effective interpersonal communication skills with customers and coworkers.
- Utilize effective written communication skills appropriate for the professional setting.
- Develop competence in the theoretical knowledge necessary to prepare for the national certification examination of the profession.

Personal and Social Responsibility and Engagement:

- Value participation in continuous professional development.
- Develop awareness of the role and responsibilities of the medical laboratory technician as a member of the health care team.

Integrative and Applied Learning:

- Apply critical thinking skills to correlating laboratory findings and common disease processes.
- Apply critical thinking skills to learning new techniques and procedures.

Upon successful completion of the program, the student will be eligible to sit for the national certification examination.

Upon successful completion of the program, students may be eligible to transfer to the B.S. in Medical Laboratory Science program at St. Cloud State University.

NAACLS requires accredited programs to meet the following program outcomes:

70% Graduation Rate (This is calculated based on students who began and completed the second half of the program.)

75% Board of Certification Pass Rate (This is calculated based on students who completed their exam within 1 year of graduation.)

70% Job Placement Rate (This is based on graduates that either entered the field or continued with higher education in the field.)

MLT outcomes for our program at NHCC are listed below. The BOC pass rates, and job placement rates, reflect students that graduated during the specified period of time:

	7/1/22 – 6/30/23	7/1/23 – 6/30/24	7/1/24 – 6/30/25
Average			
Graduation Rates	100%	100%	93%
97%			
Board of Certification pass rates	100%	100%	100%
100%			

Job placement rates
100%

100%

100%

100%

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 6071 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 (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

30 N. LaSalle Street, Suite 2400

Chicago, IL 60602-2504

1-800-621-7440

Program Accreditation

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS):

NAACLS

5600 N River Road, Suite 720

Rosemount, IL 60018-5119

Telephone: 773-714-8880

Fax: 773-714-8886

E-mail: info@naaccls.org

Website: www.naaccls.org

Microsoft Office Essentials Certificate

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 will be delivered in the classroom and online. This certificate qualifies for the Workforce Investment Act.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1102	Business Computer Systems II	View-CIS 1102		3
CIS 1220	Decision Making Excel	View-CIS 1220		3

NHCC Residency and GPA

3 Credits must be earned at NHCC

Total Credits Required

9

Program Overview

2026-2027

This certificate provides essential computer skills needed in industry today. Students will use Microsoft Office products as well as other computer software applications that can be applied in business situations. Courses can be taken online. A course completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management degrees and also some courses will be applied towards more advanced certificates. The courses from this program are delivered in the classroom and/or online. This certificate qualifies for the Work Investment Act.

Program Outcomes

- Perform specialized tasks using Microsoft Office applications
 - Maintain computer information records
 - Use of Microsoft Office for reports creation
 - Verify information using information technology
 - Gain advanced knowledge of Microsoft Office applications
 - Communicate in a business environment: written, verbal, and nonverbal
 - Access and evaluate information effectively
 - Demonstrate the use of up-to-date technology and computer applications
 - Formulate solutions to business problems using facts, logic, creativity, and values
 - Solve mathematical problems related to business operations
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Microsoft Office Essentials Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Microsoft Office Principles Certificate

This certificate will provide students with the most common office skills demanded and used in the market today. Students will learn and perform intermediate techniques in Microsoft Word and Excel, basic techniques in Access and PowerPoint, and how to integrate these applications. Knowledge of the keyboard is recommended, but not required.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1101	Business Computer Systems I AND	View-CIS 1101		3
CIS 1200	Word Processing AND	View-CIS 1200		3
CIS 1220	Decision Making Excel	View-CIS 1220		3

Electives - Must Choose one of the Following Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1000	Computer and Keyboarding Essentials OR	View-CIS 1000		3
CIS 1230	Business Presentations: PowerPoint OR	View-CIS 1230		3
CIS 1240	Information Management: Access OR	View-CIS 1240		3
CIS 1310	The Whole Internet	View-CIS 1310		3

Program Overview

2026-2027

This certificate will provide students with the most common office skills demanded and used in the market today. Students will learn and perform intermediate techniques in Microsoft Word and Excel and basic techniques in Access and PowerPoint. Students will also learn how to integrate the Office Applications. Courses can be taken online. Courses completed while earning a certificate can be applied to the A.A.S. or A.S. in Business Computer Systems and Management Degrees.

Program Outcomes

- Learn the most common Microsoft Office skills used in the market today
- Perform intermediate techniques in Microsoft Word and Excel, and integrate Microsoft Office applications
- Communicate in a business environment including written, verbal, and nonverbal
- Demonstrate the use of up-to-date technology and computer applications
- Formulate solutions to business problems using facts, logic, creativity, and values
- Solve mathematical problems related to business operations

Access and evaluate information effectively

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Microsoft Office Principles Certificate Program Roadmap Full Time](#)
 - [Microsoft Office Principles Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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1-800-621-7440

Microsoft Office Specialist Certificate

This certificate provides advanced computer skills and business concepts needed in industry today. Students will use Microsoft Office products, including Office, Excel, PowerPoint, and Access, as well as other computer software applications that can be applied in business situations. All courses can be taken online.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1200	Word Processing	View-CIS 1200		3
CIS 1220	Decision Making Excel	View-CIS 1220		3
CIS 1230	Business Presentations: PowerPoint	View-CIS 1230		3
CIS 1240	Information Management: Access	View-CIS 1240		3

NHCC Residency and GPA

4 Credits must be earned at NHCC

Total Credits Required

12

Program Overview

2026-2027

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 Outcomes

Intellectual and Practical Skills:

- Demonstrate advanced software application skills.
 - Analyze and solve business problems using software applications
 - Use the software applications in an ethical and secure manner.
 - Prepare for the Microsoft Office Specialist Certificate (MOS) Exams.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Microsoft Office Specialist Certificate Program Roadmap Full Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Music AFA

If you're passionate about music, the Music AFA degree is a great place to start developing the skills and talents to pursue a musical career. The curriculum, taught by experienced faculty, provides a broad background in music, and allows students to transfer credits to complete a bachelor's degree in music performance, music education, or music business. In addition to completing coursework, students will have the opportunity to participate in solo and group performances, and individual lessons.

Curriculum

Program Courses: Music History and Theory

Course Code	Title	Course Outlines	Goal Areas	Credits
MUSC 1241	Music Theory I	View-MUSC 1241	06	3
MUSC 1242	Music Theory II	View-MUSC 1242	06	3
MUSC 1251	Ear Training and Sight Singing I	View-MUSC 1251		2
MUSC 1252	Ear Training and Sight Singing II	View-MUSC 1252		2
MUSC 1300	Music in World Cultures	View-MUSC 1300	06,08	3
MUSC 2170	History of Music I: Medieval Through Classical Eras	View-MUSC 2170	06,08	3
MUSC 2180	History of Music II: Romantic Era to the 21st Century	View-MUSC 2180	06,08	3
MUSC 2241	Music Theory III	View-MUSC 2241	06	3
MUSC 2242	Music Theory IV	View-MUSC 2242	06	3
MUSC 2251	Ear Training and Sight Singing III	View-MUSC 2251		2
MUSC 2252	Ear Training and Sight Singing IV	View-MUSC 2252		2

Program Courses: Music Performance

Course Code	Title	Course Outlines	Goal Areas	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.				
MUSC 1510	Applied Music: Guitar OR	View-MUSC 1510	06	1
MUSC 1610	Applied Music: Voice OR	View-MUSC 1610	06	1
MUSC 1810	Applied Music: Piano OR	View-MUSC 1810	06	1
MUSC 1830	Applied Music: Strings OR	View-MUSC 1830	06	1
MUSC 1850	Applied Music: Percussion OR	View-MUSC 1850	06	1
MUSC 1860	Applied Music: Brass OR	View-MUSC 1860	06	1
MUSC 1870	Applied Music: Woodwinds OR	View-MUSC 1870	06	1
MUSC 2010	Advanced Applied Music Lessons	View-MUSC 2010	06	2
Music Large Ensemble Participation - 1 credit for 4 semesters. Students must participate in a large ensemble music performance for 4 semesters.				
MUSC 1130	Concert Choir OR	View-MUSC 1130	06	1
MUSC 1160	Large Instrumental Ensemble	View-MUSC 1160	06	1
Depending on student placement level, choose 2 credits from the following (Piano Proficiency Requirement)				
MUSC 1801	Class Piano I OR	View-MUSC 1801	06	2
MUSC 1802	Class Piano II OR	View-MUSC 1802	06	2
MUSC 1810	Applied Music: Piano OR	View-MUSC 1810	06	1
MUSC 2010	Advanced Applied Music Lessons	View-MUSC 2010	06	2

Course Code	Title	Course Outlines	Goal Areas	Credits
Music Small Ensemble - 2 credits. Additional options include: Wind Ensemble, String Ensemble Theatre practicum (pit band performance musical theatre stage acting performance).				
MUSC 1150	Chamber Singers OR	View-MUSC 1150	06	1
MUSC 1170	Instrumental Jazz Ensemble OR	View-MUSC 1170	06	1
MUSC 1180	Small Group Performance Ensemble	View-MUSC 1180	06	1
Depending on student placement level, choose 2 credits from the following (Guitar Proficiency Requirement)				
MUSC 1501	Class Guitar I OR	View-MUSC 1501	06	2
MUSC 1510	Applied Music: Guitar OR	View-MUSC 1510	06	1
MUSC 2010	Advanced Applied Music Lessons	View-MUSC 2010	06	2

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
COMM 1010, COMM1110, COMM1310 - 1 course				
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3

MnTC Electives

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

15 Credits must be earned at NHCC	
Total Credits Required	68
Notes To complete the Minnesota Transfer Curriculum, in addition to the courses listed above the student will need to take these additional MnTC Goal Area 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 1: 3 credits in each goal area required; remaining credits depend on studentandrsquo;s choices of electives. Some courses fulfill two goal areas.	

Program Overview

2026-2027

The Associate of Fine Arts in Music is designed to provide a broad background in music for students planning to transfer to another college or university to complete a bachelor's degree in music performance, music education, or music business. The degree includes rigorous academic studies along with group performance experiences, individual lessons and solo performance opportunities.

Program Outcomes

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

- Demonstrating skill in the foundation music courses

Develop intellectual and practical skills, including:

- Verbally and visually communicating their knowledge of music history, theory and performance
- Competently analyzing and critiquing their own performance as well as that of others
- Competently using the concepts of theory, history and performance in creative processes

Demonstrate personal and social responsibility, including:

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

Integrative Learning, including:

- Managing the process of creative problems in music from conceptualization to performance
- Performing competently and artistically as an individual and in groups
- Demonstrating problem solving that employs technical skills and comprehension of the historical context of music with application in theory and performance

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Music AFA Program Roadmap Full Time](#)
 - [Music AFA Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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

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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1-800-621-7440



Nursing AS

The North Hennepin Community College Nursing Associate Degree program is designed to educate students who are prepared to begin professional nursing careers as competent, caring members of today's healthcare team.

Curriculum

Tier 1 Prerequisites

Course Code	Title	Course Outlines	Goal Areas	Credits
Admission decision for the Nursing Program is based on the following Tier 1 prerequisite courses. These courses must be completed with a C 'or' better 'and' overall 2.75 GPA 'or' higher PRIOR to submitting your application.				
BIOL 1001	Biology I	View-BIOL 1001	03	4
BIOL 2111	Human Anatomy and Physiology I	View-BIOL 2111	03	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
PHIL 1220	Health Care Ethics	View-PHIL 1220	02,06,09	3

Tier 2 Prerequisites

Course Code	Title	Course Outlines	Goal Areas	Credits
These courses must be completed PRIOR to starting in the nursing program courses. These courses must be completed with a C 'or' better 'and' 2.50 GPA 'or' higher.				
BIOL 2112	Human Anatomy and Physiology II	View-BIOL 2112	03	4
BIOL 2100	Microbiology	View-BIOL 2100	03	4
CHEM 1005	Chemistry for Healthcare Professionals	View-CHEM 1005	03,10	3

Nursing General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
These courses must be completed with a C (2.00 GPA) 'or' better.				
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1810	Introduction to Health Communication AND	View-COMM 1810	01,09	3
PSYC 1150	General Psychology	View-PSYC 1150	05	3

Nursing Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
NURS 2701	Health Assessment for Nursing	View-NURS 2701		3
NURS 2702	Fundamentals for Nursing	View-NURS 2702		4
NURS 2703	Nursing Clinical I	View-NURS 2703		3
NURS 2801	Pharmacology for Nursing	View-NURS 2801		3
NURS 2802	Chronic and Palliative Nursing	View-NURS 2802		4
NURS 2803	Clinical II	View-NURS 2803		4
NURS 2901	Nursing Leadership	View-NURS 2901		2
NURS 2902	Acute and Complex Nursing	View-NURS 2902		5
NURS 2903	Nursing Clinical III	View-NURS 2903		4
Total Credits Required		64		

Program Overview

2026-2027

These courses contribute to the goals for the A.S. Nursing Degree following completion of the Nursing Program. The North Hennepin Community College (NHCC) 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. NHCC will prepare professional nurses to promote health and meet the evolving and complex healthcare needs of an increasingly diverse population in Minnesota.

Program Outcomes

Program Outcomes including Essential Learning Outcomes: 1. Integrate reflection, self-analysis, self-care, and lifelong learning into nursing practice (ELO 1, 2a,c,e, 3a,b,c,d,e, 4a,d,e) 2. Apply leadership skills to enhance quality nursing care and improve health outcomes (ELO 1, 2a,c,e, 3a,b,c,d,e, 4a,d,e) 3. Utilize best available evidence and informatics to guide decision making (ELO 1, 2a,b,c,d,e, 3a,b,c,d,e, 4a,d,e) 4. Collaborate with inter-professional teams to provide holistic nursing care (ELO 1, 2a,d,e, 3a,b,c,d,e, 4a,d,e) 5. Adapt communication strategies to effectively respond to a variety of health care situations (ELO 1, 2a,b,c,e, 3a,b,c,d,e, 4a,d,e) 6. Incorporate ethical practice and research within the nursing discipline and organizational environments (ELO 1, 2a,c,e, 3a,b,c,d,e, 4a,d,e) 7. Practice holistic, evidence-based nursing care promoting social justice for diverse populations including individuals, families, and communities (ELO 1, 2a,b,c,d,e, 3a,b,c,d,e, 4a,d,e)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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 64 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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1-800-621-7440

Accreditation Commission for Education in Nursing, Inc.

3343 Peachtree Road NE, Suite 850
Atlanta, GA 30326
404-975-5000

NHCC has been continuously accredited by ACEN since 1978.

Nutrition AS

The Nutrition Associate of Science degree is designed for students who plan to pursue a bachelor's degree or post-bachelor's degree in nutrition, food science, or other allied-health fields. Students in the Nutrition program explore the science of nutrition, how it relates to culture, and the changing nutritional needs as we age.

Curriculum

Science General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 2 Science Courses Based on Transfer Institution:				
BIOL 2111	Human Anatomy and Physiology I OR	View-BIOL 2111	03	4
BIOL 2112	Human Anatomy and Physiology II OR	View-BIOL 2112	03	4
CHEM 1062	Principles of Chemistry II OR	View-CHEM 1062	03	4
CHEM 2061	Organic Chemistry I	View-CHEM 2061	03	5

Core Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
HLTH 1070	Nutrition AND	View-HLTH 1070		3
HLTH 2070	Socio-Cultural Aspects of Nutrition AND	View-HLTH 2070		3
HLTH 2090	Life Cycle Nutrition	View-HLTH 2090		3

Program Elective Course

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 7 credits of Program Elective Courses Based on Transfer Institution:				
ENGL 1940	Technical Writing OR	View-ENGL 1940		3
HLTH 1010	Health Terminology OR	View-HLTH 1010		3
HLTH 1030	Personal and Community Health OR	View-HLTH 1030		3
HLTH 1050	Stress Management OR	View-HLTH 1050		3
HLTH 1080	Consumer Health OR	View-HLTH 1080		3
HLTH 2040	Foundations and Theory in Health OR	View-HLTH 2040		3
EXSC 1010	Physical Fitness OR	View-EXSC 1010		2
EXSC 1020(1), EXSC1041(1), EXSC1042(1), EXSC1050(1), EXSC1070(1), EXSC1110(1), EXSC1130(1), EXSC1140(1), EXSC1151(1), EXSC1152(1), EXSC1200(1), EXSC1210(1), EXSC1230(1), EXSC1240(1), EXSC1250(3), EXSC1260(1), EXSC1270(1), EXSC1310(1), EXSC1400(1),				
EXSC1420(1), EXSC1430(1), EXSC1440(1), EXSC1451(1), EXSC1452(1), EXSC1500(3), EXSC1510(2), EXSC1520(3), EXSC1600(1), EXSC1610(1), EXSC1630(1), EXSC1640(1), EXSC1700(3), EXSC1710(3), EXSC1720(2), EXSC1730(1),				
EXSC1740(1), EXSC1750(1), EXSC1751(1), EXSC1752(1), EXSC1760(1), EXSC1800(1), EXSC1810(1), EXSC1820(1), EXSC1830(1), EXSC1840(1), EXSC1850(1), EXSC1990(1), EXSC2101(4), EXSC2102(2), EXSC2110(3), EXSC2390(3), EXSC2490(4)				

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
PSYC 1150	General Psychology	View-PSYC 1150	05	3
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3
MATH 1120	College Algebra OR	View-MATH 1120	04	3
MATH 1150	College Algebra	View-MATH 1150	04	3
CHEM 1061	Principles of Chemistry I	View-CHEM 1061	03	4
BIOL 1001	Biology I	View-BIOL 1001	03	4
BIOL 2100	Microbiology	View-BIOL 2100	03	4
COMM 1010	Fundamentals of Public Speaking	View-COMM 1010	01	3
COMM 1310	Intercultural Communication	View-COMM 1310	08,7A	3
Total Credits Required		60		

Program Overview

2026-2027

The Nutrition Associates of Science is designed for students who plan to pursue a bachelor's or post-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 and treating disease. Understanding how nutrition impacts health can help change lives.

Nutrition professionals work in a variety of public, private, and community settings applying nutrition-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 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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Nutrition AS Program Roadmap Full Time](#)
 - [Nutrition AS Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

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1-800-621-7440

Object-Oriented Programming Certificate

The Object-Oriented Programming Certificate provides students with the opportunity to learn the fundamentals and more advanced topics of object-oriented design and programming.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CSCI 2001	Object Oriented Programming (CS1)	View-CSCI 2001		4
CSCI 2002	Data Structures and Algorithms (CS2)	View-CSCI 2002		4

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 1 course				
CSCI 1130	Introduction to Programming in Java (CS0) OR	View-CSCI 1130		4
CSCI 1150	Programming in C# for .NET	View-CSCI 1150		4

NHCC Residency and GPA

MnTC Electives - 4 credits	
Total Credits Required	12

Program Overview

2026-2027

The ObjectOriented 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 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.
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Outdoor and Environmental Leadership AA

The Outdoor and Environmental Leadership program is a dynamic, experiential learning program designed to empower students with the knowledge, skills, and passion to become effective leaders in environmental conservation and outdoor recreation and education.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
Current Environmental Issues AND				
GCST 1040	American Indian Culture - Indigenous Peoples of Minnesota AND	View-GCST 1040	10,7A	3
GCST 1490	Dave Larsen American Indian Immersion Experience AND	View-GCST 1490	05,09	4
GCST 1970	Environmental Justice and Nature Immersion Experience AND	View-GCST 1970	10,7A	4
GCST 2017	Outdoor Leadership Internship AND	View-GCST 2017		4
GCST 2970	Outdoor Experiential Program Leadership AND	View-GCST 2970	09	4
GEOG 1010	Physical Geography AND	View-GEOG 1010	03,10	3
PHIL 1200	Environmental Philosophy	View-PHIL 1200	06,10	3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 3 credits from the following:				
EXSC 1240	Rock Climbing OR	View-EXSC 1240		1
EXSC 1640	Outdoor Activity Sampler OR	View-EXSC 1640		1
EXSC 1740	Hiking OR	View-EXSC 1740		1
EXSC 1760	Introduction to Kayaking and Canoeing	View-EXSC 1760		1

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
COMM 1210	Small Group Communication AND	View-COMM 1210	01,7A	3
BIOL 1001	Biology I AND	View-BIOL 1001	03	4
BIOL 1102	Principles of Biology II OR	View-BIOL 1102	03	4
CHEM 1000	Chemistry and Society AND	View-CHEM 1000	03,10	4
ANTH 1010	Introduction to Anthropology: Cultural Anthropology AND	View-ANTH 1010	05,08	3
ENGL 2340	Nature in Literature	View-ENGL 2340	06,10	3

MnTC Electives: Goal 4

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 1 of the following:				
MATH 1010	Survey of Mathematics OR	View-MATH 1010	04	3
MATH 1130	Elementary Statistics	View-MATH 1130	04	3

MnTC Electives: Goal 5

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 1 of the following:				
SOC 1110	Introduction to Sociology OR	View-SOC 1110	05,7B	3
GCST 1350	Immigration and Society OR	View-GCST 1350	05,7A	3
GEOG 1040	Human Geography OR	View-GEOG 1040	05,08	3
POLS 1140	State and Local Politics OR	View-POLS 1140	05,09	3
PSYC 1150	General Psychology	View-PSYC 1150	05	3

MnTC Electives: Goal 6

Course Code	Title	Course Outlines	Goal Areas	Credits
Choose 1 of the following:				
ART 1160	Digital Photography OR	View-ART 1160	06	3
ENGL 2330	Hmong American Literature OR	View-ENGL 2330	06	3
ENGL 2380	American Indian Literature OR	View-ENGL 2380	06,7A	3
ENGL 2410	US Latinx and Latin American Literature OR	View-ENGL 2410	06,7A	3
GCST 1030	Introduction to Japanese Culture OR	View-GCST 1030	06,10	3
GCST 1978	American Indian Cultural Expression	View-GCST 1978	06,7A	3
Total Credits Required		60		

Program Overview

The Outdoor and Environmental Leadership program at North Hennepin Community College is a dynamic, experiential learning program designed to empower students with the knowledge, skills, and passion to become effective leaders in environmental conservation and outdoor recreation and education. This comprehensive program combines theoretical classroom learning with hands-on outdoor experiences, fostering an understanding of environmental and outdoor issues, sustainability, and stewardship. The program intentionally focuses on acknowledging barriers in access to outdoor spaces and programming in Minnesota with the goal of systemically addressing this.

Participants will engage in a variety of outdoor activities, from hiking, canoeing, and camping to wildlife tracking and observation, while learning about environmental justice issues, ecosystem dynamics, biodiversity, and conservation techniques through different cultural lenses. Leadership development is a cornerstone of the program, with a strong focus on building skills in team coordination, decision-making, and effective communication in outdoor settings.

Community engagement is another key element of the program. Students will have multiple opportunities to plan, implement and lead environmental justice and climate justice workshops and events, participate in community-based conservation projects, and advocate for sustainability initiatives. Students will build relationships and collaborate with local organizations and community members, thus applying their learning in real-world contexts.

The program is designed for individuals passionate about the outdoors and environmental issues, aiming to pursue careers in environmental education, outdoor recreation, tribal conservation and cultural preservation, sustainable development, and more. The program offers a unique blend of academic rigor, practical skills, and community involvement, preparing students to become influential outdoor and environmental leaders and change-makers in their communities and beyond.

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Accreditation

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Paralegal AS

One of only a few programs in the Twin Cities that is approved by the American Bar Association, since 1979, North Hennepin's Paralegal AS degree and Certificate program offer students an ABA approved education for one of the lowest costs in the state. In addition, our students pay on a per-credit basis, permitting paralegal students to take as many, or as few, courses as they wish at the same low cost per credit.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
PLEG 1111	Introduction to Law and Paralegal Studies	View-PLEG 1111		3
PLEG 1220	Computer Applications in the Legal Profession	View-PLEG 1220		3
PLEG 1411	Litigation I	View-PLEG 1411		3
PLEG 1412	Litigation II	View-PLEG 1412		3
PLEG 2211	Legal Research and Writing I	View-PLEG 2211		3
PLEG 2212	Legal Research and Writing II	View-PLEG 2212		3
PLEG 2930	Legal Studies Seminar and Internship	View-PLEG 2930		3

Paralegal Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Must take at least 9 credits				
PLEG 1330	Family Law OR	View-PLEG 1330		3
PLEG 1430	Alternative Dispute Resolution OR	View-PLEG 1430		1
PLEG 1510	Intellectual Property OR	View-PLEG 1510		2
PLEG 1610	Immigration Law OR	View-PLEG 1610		3
PLEG 1990	Paralegal Special Topics OR	View-PLEG 1990		1-4
PLEG 2310	Criminal Law and Procedure OR	View-PLEG 2310		3
PLEG 2430	Torts & Personal Injury Law OR	View-PLEG 2430		3
PLEG 2510	Contracts and Business Organizations OR	View-PLEG 2510		3
PLEG 2620	Property OR	View-PLEG 2620		3
PLEG 2710	Wills, Trusts and Estate Administration OR	View-PLEG 2710		3
PLEG 2810	Employment Search for Paralegals	View-PLEG 2810		1

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
ENGL 2320	Writing: From Structure to Style AND	View-ENGL 2320	06,7A	3
POLS 1100	American Government and Politics AND	View-POLS 1100	05,09	3
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology OR	View-PSYC 1160	05,09	4
PSYC 2360	Psychology, Race, and Law OR	View-PSYC 2360	05,09	3
SOC 1110	Introduction to Sociology AND	View-SOC 1110	05,7B	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
Choose 1 PHIL course				
PHIL 1110	Informal Reasoning for Problem Solving OR	View-PHIL 1110	02,09	3
PHIL 1050	Introduction to Logic	View-PHIL 1050	04	3

MnTC Electives

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

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

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. 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 nine semester credits or the equivalent of legal specialty courses through traditional classroom or online synchronous classroom instruction as required by the American Bar Association.

Students wishing to enroll in the Paralegal Program, must complete an Admission Request. Students must make an appointment to meet with an advisor to present the Admission Request for processing. For more information or to schedule an appointment, please contact the Advising Office at 763-424-0703.

The Associate of Science in Paralegal is designed to articulate to: Hamline University B.A. in Legal Studies degree, Metropolitan State University B.A. Individualized Studies degree, Winona State University B.S. in Legal Studies.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate an understanding of the sources of law, legal procedure, and operation of legal systems within state and federal government and apply that knowledge to the work of paralegals.

Intellectual and Practical Skills:

- Demonstrate written, verbal, and interpersonal skills appropriate to various legal and business settings.
- Think critically and creatively analyze, synthesize, and organize information.
- Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.

Personal and Social Responsibility:

- Understand and apply the Rules of Professional Conduct as they relate to the practice of law and demonstrate ethical behaviors in all settings.

Integrative Learning:

- Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.
- Successfully complete projects performed by paralegals in the various substantive areas of law.

This program prepares students to perform paralegal work in private law firms, government agencies or large corporations or transfer to a four year institution in this discipline.

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

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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- **Paralegal AS Program Roadmap Full Time**

- **Paralegal AS Program Roadmap Part Time**
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Paralegal Certificate

The Paralegal Certificate program prepares students to assist lawyers and administrators of law-related occupations in providing efficient legal services to the public. The program of study includes law-related courses and legal specialty courses.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
PLEG 1111	Introduction to Law and Paralegal Studies	View-PLEG 1111		3
PLEG 1210	Computer Applications in the Legal Profession	View-PLEG 1210		2
PLEG 1411	Litigation I	View-PLEG 1411		3
PLEG 1412	Litigation II	View-PLEG 1412		3
PLEG 2211	Legal Research and Writing I	View-PLEG 2211		3
PLEG 2212	Legal Research and Writing II	View-PLEG 2212		3
PLEG 2930	Legal Studies Seminar and Internship	View-PLEG 2930		3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Must take at least 10 credits				
PLEG 1330	Family Law OR	View-PLEG 1330		3
PLEG 1430	Alternative Dispute Resolution OR	View-PLEG 1430		1
PLEG 1510	Intellectual Property OR	View-PLEG 1510		2
PLEG 1610	Immigration Law OR	View-PLEG 1610		3
PLEG 1990	Paralegal Special Topics OR	View-PLEG 1990		1-4
PLEG 2310	Criminal Law and Procedure OR	View-PLEG 2310		3
PLEG 2430	Torts & Personal Injury Law OR	View-PLEG 2430		3
PLEG 2510	Contracts and Business Organizations OR	View-PLEG 2510		3
PLEG 2620	Property OR	View-PLEG 2620		3
PLEG 2710	Wills, Trusts and Estate Administration OR	View-PLEG 2710		3
PLEG 2810	Employment Search for Paralegals	View-PLEG 2810		1

NHCC Residency and GPA

10 Credits must be earned at NHCC	
Total Credits Required	30

Program Overview

2026-2027

This program prepares students to assist lawyers and administrators of law-related occupations in providing efficient legal services to the public. The program of study includes law-related courses and legal specialty courses.

Students who already possess a(n) Associate in Science, Associate in Art, Bachelor's or higher degree may apply for a paralegal certificate upon successful completion of the paralegal courses only.

The paralegal courses are offered primarily in the evening. Courses prepare students for entry into a paralegal career and provide presently employed paralegals an opportunity to enhance their legal knowledge and skills. The Paralegal program does not train graduates to provide legal services directly to the public. Any person who attempts to provide legal services directly to the public, but is not licensed to practice law, engages in the illegal and unauthorized practice of law. The Paralegal program is approved by the American Bar Association.

Students must take at least nine semester credits or the equivalent of legal specialty courses through traditional classroom or online synchronous classroom instruction as required by the American Bar Association.

Students wishing to enroll in the Paralegal Program must complete an Admission Request. Students must make an appointment to meet with an advisor to present the Admission Request for processing. For more information or to schedule an appointment, please contact Counseling and Advising Office at 763-424-0703.

Program Outcomes

Knowledge of Human Cultures and the Physical and Natural World:

- Demonstrate an understanding of the sources of law, legal procedure, and operation of legal systems within state and federal government and apply that knowledge to the work of paralegals.

Intellectual and Practical Skills:

- Demonstrate written, verbal, and interpersonal skills appropriate to various legal and business settings.
- Think critically and creatively analyze, synthesize, and organize information.
- Demonstrate ability to use word processing, spreadsheets, data base and case management software as they are used in the legal profession.

Personal and Social Responsibility:

- Understand and apply the Rules of Professional Conduct as they relate to the practice of law and demonstrate ethical behaviors in all settings.

Integrative Learning:

- Conduct legal research using print and electronic resources, apply results to fact situations, and report findings in an appropriate format.
- Successfully complete projects performed by paralegals in the various substantive areas of law.

This program prepares students to perform paralegal work in private law firms, government agencies or large corporations or transfer to a four year institution in this discipline.

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

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.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Paralegal Certificate Road Map**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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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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.

Accreditation

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Peace Officer / Public Safety Pathway AS

The Peace Officer / Public Safety Pathway offers students a powerful option: the opportunity to complete an AS degree with course credits that directly transfer to designated law enforcement bachelor's degree programs at Minnesota State universities.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
PSYC 1165	Psychology of Adjustment AND	View-PSYC 1165	05,7B	3
SOC 1110	Introduction to Sociology AND	View-SOC 1110	05,7B	3
SOC 1710	Introduction to Criminal Justice AND	View-SOC 1710	05	3
SOC 1720	Police and Community AND	View-SOC 1720		3
SOC 1730	Juvenile Justice AND	View-SOC 1730		3
SOC 1750	Families in Crisis AND	View-SOC 1750	05	3
SOC 2110	Principles of Social Psychology	View-SOC 2110	7A,05	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
EXSC 1010	Physical Fitness OR	View-EXSC 1010		2
EXSC 1530	Tactical Strength and Conditioning	View-EXSC 1530		2
(highly recommended) AND				
HLTH 1600	Emergency Medical Responder AND	View-HLTH 1600		3
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
PHIL 1020	Ethics AND	View-PHIL 1020	06,09	3
Natural Sciences Mathematics/Logical Reasoning (Goal Area 3 4) - 4 credits: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIOL2360(4), CHEM1000(4), CHEM1005(3) CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), CHEM2061(5), CHEM2062(5), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), MATH1010(3), MATH1031(3), MATH1032(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1120(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(4), MATH2400(4), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), NSCI1200(3), PHIL1050(3), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1231(4), PHYS1232(3), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)				

Program Courses 26 Credits at Hennepin Technical College

POLC 2225 - Criminal Investigation
POLC 2230 - Legal Issues
POLC 2231 - MN Criminal Traffic Codes
POLC 2235 - Police Report Writing/Interview
POLC 2241 - Crisis Intervention Human Behavior
POLC 2262 - In Progress Response
POLC 2276 - Traffic
POLC 2281 - Defensive Tactics
POLC 2285 - Crime Scene Evidence
POLC 2291 - Firearms
POLC 2300 - Tactical Driving

Total Credits Required	68
Notes Applicants to the theory based courses of the Professional Licensing Program must complete the nine prerequisite courses, or their equivalent, with at least a C grade (2.00 on a 4.00 scale) in each course and a cumulative GPA of 2.5. US citizenship is not required for admission to the Professional Licensing Program, however, applicants must be US citizens before being hired by a law enforcement agency. Applicants may not be convicted of a crime that would prohibit them from being admitted to the law enforcement program under the rules of the Minnesota Board of Peace Officer Standards and Training (POST).	

Program Overview

2026-2027

The Peace Officer / Public Safety Pathway AS offers students a powerful option: the opportunity to complete an AS degree with course credits that directly transfer to designated Peace Officer / Public Safety 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 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.

The Minnesota State Universities: 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.

Program Outcomes

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

- analyzing the history, organization and functions of the criminal justice system including legal issues, the purpose and function of police, courts, and corrections. (ELO 1)
- interpreting political, cultural and social class forces which impact the police, suspects, victims, and other parties involved in law enforcement, with a focus on conscious and implicit bias. (ELO1)

Develop intellectual and practical skills, including:

- communicating effectively in work situations. (ELO 2a, 2b, 2c, 2d, 2e)
- obtaining and refining the necessary skills in interpersonal communication, mathematics, basic crime statistics, and report writing, as these skills relate to public contact and criminal activity. (ELO 2c, 2d, 2e)
- utilizing the intellectual and practical skills necessary to represent a public agency in a professional manner and with cultural competency during routine public contacts, high stress situations, and arrests. (ELO 2a, 2b, 2c, 2d, 2e)

Demonstrate personal and social responsibility, including:

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

Demonstrate personal and social responsibility, including:

- identifying career opportunities in public law enforcement and private security agencies and the attributes that employers are seeking and creating an understanding that employers often require continued higher education, citizenship, and service to others for initial placement and promotion. (ELOs 3a, 3b)
- examining 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 examination will follow anti-racist education principles and should lead to acknowledgement of conscious or implicit bias, tolerance, valuing differences, and leading to the acceptance of others. (ELOs 3a, 3b, 3c, 4b)

Demonstrate integrative and applied learning, including:

- assessing the history and application of Criminal Justice with respect to Law Enforcement, as well as its relationship to the other social sciences. (ELOs 3d, 4c, 4d,

4e)

- applying concepts used in the Law Enforcement profession across classes and in their lives. (ELOs 3d, 4b, 4c, 4d, 4e)
- analyzing techniques and strategies used in crime investigation, patrol operations, and daily police work to then employ in their future work.

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Peace Officer Public Safety Pathway AS Full Time**](#)
- [**Peace Officer Public Safety Pathway AS Part Time**](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [**Bureau of Labor Statistics website**](#) and [**O*Net Online website**](#).

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 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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Personal Training Certificate

The Personal Training 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.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
EXSC 1050	Weight Training AND	View-EXSC 1050		1
EXSC 1060	Advanced Weight Training AND	View-EXSC 1060		2
HLTH 1070	Nutrition AND	View-HLTH 1070		3
EXSC 2100	Concepts of Training AND	View-EXSC 2100		3
EXSC 2110	Advanced Fitness Assessment & Exercise Prescription AND	View-EXSC 2110		3
EXSC 2150	Science and Practice of Strength and Conditioning AND	View-EXSC 2150		3
EXSC 2270	Essentials of Sport & Exercise Nutrition	View-EXSC 2270		3

NHCC Residency and GPA

9 Credits must be earned at NHCC	
Total Credits Required	18
Notes Upon completion of EXSC 2100, students will have the opportunity to sit for and earn the NCSF Certified Personal Trainer (CPT) exam. Additionally, upon completion of EXSC 2150, students will have the opportunity to sit for and earn the NCSF Certified Strength Coach (CSC) certification, and upon completion of EXSC 2270, students will have the opportunity to sit for and earn the NCSF Sport Nutrition Specialist (SNS) certification. Students who complete the Personal Training Certificate program may choose to continue their education by completing the EXSC Transfer Pathway A.S. Degree at NHCC. In addition, after completing their A.S. Degree, students may further their education by completing their BS in EXSC at NHCC through the University Partnership with SMSU, or can choose to transfer to any MN State University to which the current pathway allows a seamless transfer.	

Program Overview

2026-2027

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 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.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Personal Training Certificate Program Roadmap Full Time**](#)
 - [**Personal Training Certificate Program Roadmap Part Time**](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Accreditation

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Phlebotomy Technician Certificate

If you're interested in healthcare but you don't know where to begin, the Phlebotomy Technician Certificate program may be the perfect starting point. NHCC's Phlebotomy Technician Certificate prepares students for entry-level careers in healthcare. The program can be completed quickly, so you can start working in the field and find out if healthcare is right for you.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1110	Principles of Interpersonal Communication AND	View-COMM 1110	01,7A	3
ALTH 1020	Phlebotomy Technology AND	View-ALTH 1020		4
ALTH 1025	Phlebotomy Practicum	View-ALTH 1025		2
Total Credits Required		9		

Program Overview

2026-2027

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

Program Outcomes

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 career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

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Degree Information

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Pre-Social Work Transfer Pathway AS

The Pre-Social Work Transfer Pathway AS awards students the opportunity to complete the AS degree with course credits that directly transfer to designated Social Work bachelor's degree programs at Minnesota State universities.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
HSER 1100	Introduction to Human Services and Social Work AND	View-HSER 1100		3
HSER 1200	Multicultural Awareness in Human Services AND	View-HSER 1200		3
HSER 1400	Basic Interviewing Skills AND	View-HSER 1400		3
HSER 2100	Human Services Seminar AND	View-HSER 2100		1
HSER 2101	Human Services Internship	View-HSER 2101		3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ANTH 1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory AND	View-ANTH 1020	03,10	3
BIOL 1130	Human Biology with a Lab AND	View-BIOL 1130	03	4
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
MATH 1130	Elementary Statistics AND	View-MATH 1130	04	3
PHIL 1220	Health Care Ethics AND	View-PHIL 1220	02,06,09	3
POLS 1100	American Government and Politics AND	View-POLS 1100	05,09	3
PSYC 1150	General Psychology AND	View-PSYC 1150	05	3
PSYC 1250	Life Span Developmental Psychology AND	View-PSYC 1250	05	4
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3

MnTC Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Communication - 3 Credits - COMM 1110 Recommended				
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication OR	View-COMM 1110	01,7A	3
COMM 1210	Small Group Communication OR	View-COMM 1210	01,7A	3
COMM 1550	Video Game Entertainment OR	View-COMM 1550	01,06	3
COMM 1610	Introduction to Mass Communication OR	View-COMM 1610	01,09	3
COMM 1810	Introduction to Health Communication OR	View-COMM 1810	01,09	3
COMM 1910	Argumentation and Public Advocacy OR	View-COMM 1910	01,02	3
COMM 2610	Introduction to Public Relations and Strategic Communication	View-COMM 2610	01,02,09	3
Humanities Fine Arts (3 credits other than PHIL)				

Course Code	Title	Course Outlines	Goal Areas	Credits
ARBC 1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1810(1), ART2611(3), ART2612(3), ART2780(1), ART2820(1), ART2900(1), ART2970(1), COMM1550(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)				
Humanities Fine Arts AND Global Perspectives- 3 credits				
ARBC 1030	Arab Cultures OR	View-ARBC 1030	06,08	3
ART 1040	Art Appreciation OR	View-ART 1040	06,08	3
ART 1601	Art History I: Ancient to Medieval OR	View-ART 1601	06,08	3
ART 1602	Art History II: 15th Century to Contemporary OR	View-ART 1602	06,08	3
ART 1650	Architectural History OR	View-ART 1650	06,08	2
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
ENGL 2400	Utopian/Dystopian Literature OR	View-ENGL 2400	06,08	3
ENGL 2550	Survey of British Literature I OR	View-ENGL 2550	06,08	3
ENGL 2560	Survey of British Literature II OR	View-ENGL 2560	06,08	3

Course Code	Title	Course Outlines	Goal Areas	Credits
ENGL 2250	Japanese Literature OR	View-ENGL 2250	06,08	3
MUSC 1220	Music Appreciation OR	View-MUSC 1220	06,08	3
MUSC 1300	Music in World Cultures OR	View-MUSC 1300	06,08	3
SPAN 1030	Spanish and Latin American Culture AND	View-SPAN 1030	06,08	3
SPAN 2201	Intermediate Spanish I OR	View-SPAN 2201	06,08	5
SPAN 2202	Intermediate Spanish II	View-SPAN 2202	06,08	5

Program Electives - Choose 6 credits

Course Code	Title	Course Outlines	Goal Areas	Credits
HSER 1300	Crisis Assessment and Intervention OR	View-HSER 1300		3
HSER 1500	Group Processes OR	View-HSER 1500		3
HSER 1610	Professionalism in Human Services	View-HSER 1610		2
HSER 1700	Family Functions and Interactions OR	View-HSER 1700		3
HSER 1800	Mental Health Awareness in Human Services OR	View-HSER 1800		3
HSER 1900	Current Human Services Topics	View-HSER 1900		3

HSER 1300 and HSER 1800 are Recommended Program Electives

Total Credits Required	60
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Program Overview

2026-2027

The Pre-Social Work Transfer Pathway AS awards students the opportunity to complete the AS degree with course credits that directly transfer to designated Social Work bachelor's degree programs at Minnesota State universities. Students will complete the designated general education curriculum as well as Human Services courses designed to prepare students for the broad-based helping professions.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Pre-Social Work Transfer Pathway AS Full Time**](#)
 - [**Pre-Social Work Transfer Pathway AS Part Time**](#)
-

Career Opportunities

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Degree Information

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

A student shall:

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

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

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

Equal Opportunity Employer and Disability Access Information North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

30 N. LaSalle Street, Suite 2400

Chicago, IL 60602-2504

1-800-621-7440

Project Management Essentials Certificate

This certificate is for students who want to combine business and management with technology. Students will learn management principles, project management software tools, concepts and process and communication skills that can be applied in business situations.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
BUS 2200	Principles of Management	View-BUS 2200		3
CIS 1260	Business Communications and Technology	View-CIS 1260		3
CIS 1700	Project Management Software Tools	View-CIS 1700		3

NHCC Residency and GPA

3 Credits must be earned at NHCC

Total Credits Required

9

Program Overview

2026-2027

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

Program Outcomes

Outcomes

Intellectual and Practical Skills, including:

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Project Management Essentials Certificate Program Roadmap Full Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Psychology Transfer Pathway AA

The Psychology Transfer Pathway Associate of Arts degree introduces students to the key concepts, principles, and overarching themes of psychology. Students explore scientific inquiry and critical thinking to interpret psychological phenomena and tackle ethical and social responsibilities.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
1 course from PSYC1150, PSYC1160				
PSYC 1150	General Psychology OR	View-PSYC 1150	05	3
PSYC 1160	Introduction to Psychology	View-PSYC 1160	05,09	4
PSYC 1250	Life Span Developmental Psychology	View-PSYC 1250	05	4
PSYC 2000	Statistics for the Behavioral Sciences	View-PSYC 2000	02,05	4

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - Complete 3 courses, including one course in goal areas 5 7				
PSYC 1165	Psychology of Adjustment OR	View-PSYC 1165	05,7B	3
PSYC 1170	Psychology of Gender OR	View-PSYC 1170	05,7B	3
PSYC 1210	Child Development OR	View-PSYC 1210	05	3
PSYC 1220	Psychology of Aging OR	View-PSYC 1220	05,10	3
SOC 2110	Principles of Social Psychology OR	View-SOC 2110	7A,05	3
PSYC 2320	Psychological Disorders OR	View-PSYC 2320	05	3
PSYC 2330	Personality Psychology OR	View-PSYC 2330	05	3
PSYC 2340	Human Sexuality OR	View-PSYC 2340	05	3
PSYC 2350	Multicultural Psychology OR	View-PSYC 2350	05,08	3
PSYC 2360	Psychology, Race, and Law	View-PSYC 2360	05,09	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ANTH 1020	Intro to Anthropology: Physical Anthropology, Archaeology & Prehistory	View-ANTH 1020	03,10	3
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop	View-ENGL 1203	01,02	2
MATH 1130	Elementary Statistics	View-MATH 1130	04	3
PHIL 1020	Ethics	View-PHIL 1020	06,09	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
Communications - 1 course				
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3

MnTC Electives

Natural Science- 1 lab course, 4 credits
The Humanities and Fine Arts- 6 credits
Additional MnTC Electives- 4 Credits
History and the Social and Behavioral Sciences- 6 credits, at least one course from Goals 5 and 8

Health Requirement

Health or Exercise Science - 2 credits
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Electives

Additional Electives, if necessary, for a total of 60 credits

NHCC Residency and GPA

15 Credits must be earned at NHCC

Total Credits Required	60
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Program Overview

2026-2027

The Associate of Arts Psychology Transfer Pathway will introduce students to the key concepts, principles and overarching themes of psychology. Students will explore scientific inquiry and critical thinking to interpret psychological phenomena and tackle ethical and social responsibilities.

Completing the Psychology Transfer Pathway AA, degree at NHCC fulfills the Minnesota Transfer Curriculum requirements, and the American Psychological Association Learner Outcomes for the Undergraduate Major in Psychology at the foundational level. It prepares students to articulate as psychology majors, at the junior level, at any of the seven Minnesota State Universities.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Psychology Transfer Pathway AA Program Roadmap Full Time](#)
 - [Psychology Transfer Pathway AA Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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1-800-621-7440

Sociology Transfer Pathway AA

The Sociology Transfer Pathway AA provides students with a powerful option: the opportunity to directly transferred to a designated sociology bachelor's degree program at one of the seven Minnesota State universities.

Curriculum

Required Course

Course Code	Title	Course Outlines	Goal Areas	Credits
SOC 1110	Introduction to Sociology	View-SOC 1110	05,7B	3

Program Elective A - Choose One Course

Course Code	Title	Course Outlines	Goal Areas	Credits
SOC 1710	Introduction to Criminal Justice OR	View-SOC 1710	05	3
SOC 1750	Families in Crisis OR	View-SOC 1750	05	3
SOC 2110	Principles of Social Psychology	View-SOC 2110	7A,05	3

Program Elective B - Choose One Course

Course Code	Title	Course Outlines	Goal Areas	Credits
SOC 1130	Social Problems OR	View-SOC 1130	7A,09,7B	3
SOC 2210	Social Inequality	View-SOC 2210	05,7A	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking OR	View-COMM 1010	01	3
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
MATH 1130	Elementary Statistics AND	View-MATH 1130	04	3
PHIL 1020	Ethics OR	View-PHIL 1020	06,09	3
PHIL 1120	Ethics in Organizations OR	View-PHIL 1120	06,09	3
PHIL 1220	Health Care Ethics AND	View-PHIL 1220	02,06,09	3
Natural Science (Goal Area 3) - 2 courses, 7 credits from 2 different disciplines, one must be a lab course: ANTH1020(3), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIOL2360(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), GEOG1010(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5), PHYS1202(5), PHYS1231(4), PHYS1232(4), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5)				

Course Code	Title	Course Outlines	Goal Areas	Credits
	The Humanities Fine Arts (Goal Area 6) - 6 credits: ARBC1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3), ENGL1150(3), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2400(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2500(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)			
	Global Perspective (Goal Area 8) - 3 credits: ANTH1010(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1040(3), ART1601(3), ART1602(3), ART1650(3), ART2180(3), ART2190(3), ART2300(2), ASL1101(4), ASL1102(4), ASL2201(4), ASL2202(4), COMM1310(3), COMM1510(3), COMM1710(3), ECON1060(3), ENGL2250(3), ENGL2360(3), ENGL2550(3), ENGL2560(3), ENGL2580(3), ENGL2590(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST2250, GEOG1040(3), GEOG1100(3), GEOG1190(3), GERM1030(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST2500(3), HUM1210(3), INTD1210(3), INTD1211(3), INTD1212(3), MUSC1220(3), MUSC1300(3), MUSC2170(3), MUSC2180(3), POLS1600(3), POLS1700(3), PSYC2350(3), SOC2410(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), TFT1260(3), TFT1320(3), TFT1710(3)			
	Ethical Civic Responsibility (Goal Area 9) - 3credits: COMM1610(3), COMM1810(3), COMM2610(3), ECON1050(3), ENGL2390(3), ENGL2950(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1301(3), GCST1320(3), GCST1502(3), GCST15003(3), GCST1504(3), GCST1505(3), GCST1964(4), GWS1502(3), GWS1503(3), GWS 1504(3), GWS1505(3), HIST1230(3), HIST1700(3), HIST2600(3), HIST2700(3), INTD1210(3), INTD1211(3), INTD1212(3), POLS1100(3), POLS1140(3), SOC1130(3)			

Course Code	Title	Course Outlines	Goal Areas	Credits
People the Environment (Goal Area 10) - 3 credits: ANTH1020(3), ANTH1130(3), BIOL1030(4), BIOL1160(4), BIOL1200(4), BIOL1600(1), BIOL1610(1), CHEM1000(4), CHEM1010(4), ENGL2340(3), GCST1030(3), GCST1040(3), GEOG1010(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1120(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), INTD1030(3), INTD1040(3), NSCI1110(4), PSYC1220(3)				

MnTC Electives

Additional Electives, if needed, to reach 40 total MnTC credits: AMST1010(3), AMST1020(3), AMST2210(3), AMST2220(3), ANTH1010(3), ANTH1020(3), ANTH1130(3), ANTH1140(3), ARBC1030(3), ARBC1101(4), ARBC1102(4), ARBC2201(4), ART1010(3), ART1020(3), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), ASL1101(4), ASL1102(4), ASL1300(3), ASL2201(4), ASL2202(4), BIOL1000(4), BIOL1001(4), BIOL1002(4), BIOL1030(4), BIOL1101(4), BIOL1102(4), BIOL1120(3), BIOL1130(4), BIOL1140(4), BIOL1160(4), BIOL1200(4), BIOL1350(3), BIOL1360(4), BIOL1600(1), BIOL1610(1), BIOL1650(1), BIOL2020(4), BIOL2030(4), BIOL2100(4), BIOL2111(4), BIOL2112(4), BIOL2360(4), CHEM1000(4), CHEM1010(4), CHEM1030(4), CHEM1061(4), CHEM1062(4), COMM1010(3), COMM1110(3), COMM1210(3), COMM1310(3), COMM1410(3), COMM1510(3), COMM1550 (3), COMM1610(3), COMM1710(3), COMM1810(3), COMM1910(3), COMM2610(3), ECON1050(3), ECON1060(3), ECON1070(3), ENGL1111(3), ENGL1112(3), ENGL1150(3), ENGL1200(4), ENGL1201(4), ENGL1202(2), ENGL1250(2), ENGL1400(3), ENGL1450(3), ENGL1900(3), ENGL1950(3), ENGL2010(3), ENGL2020(3), ENGL2030(3), ENGL2150(3), ENGL2250(3), ENGL2270(3), ENGL2300(3), ENGL2310(3), ENGL2320(3), ENGL2330(3), ENGL2340(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2390(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2540(3), ENGL2550(3), ENGL2560(3), ENGL2570(3), ENGL2580(3), ENGL2590(3), ENGL2900(3), ENGL2950(3), GCST1030(3), GCST1040(3), GCST1210(3), GCST1211(3), GCST1212(3), GCST1213(3), GCST1220(2), GCST1301(3), GCST1320(3), GCST1501(3), GCST1502, GCST1503(3), GCST1504(3),

GCST1501(3), GCST1700(3), GCST1978(3), GCST1964(4), GCST2250(3), GCST2510(3), GEOG1000(2), GEOG1010(3), GEOG1040(3), GEOG1100(3), GEOG1190(3), GEOL1010(2), GEOL1020(2), GEOL1030(2), GEOL1040(2), GEOL1110(4), GEOL1120(4), GEOL1130(4), GEOL1150(4), GEOL1160(4), GEOL1850(3), GEOL1851(1), GERM1030(3), GWS1501(3), GWS1502(3), GWS1503(3), GWS1504(3), GWS1505(3), HIST1010(3), HIST1020(3), HIST1030(3), HIST1110(3), HIST1120(3), HIST1130(3), HIST1140(3), HIST1200(3), HIST1210(3), HIST1220(3), HIST1230(3), HIST1240(3), HIST1270(3), HIST1700(3), HIST1800(3), HIST1900(1), HIST2500(3), HIST2600(3), HIST2700(3), HUM1210(3), INTD1030(3), INTD1040(3), INTD1210(3), INTD1211(3), INTD1212(3), MATH1010(3), MATH1031(3), MATH1032(3), MATH1080(3), MATH1090(4), MATH1130(3), MATH1140(3), MATH1150(3), MATH1160(4), MATH1170(4), MATH1180(5), MATH1190(5), MATH1200(3), MATH1221(5), MATH1222(5), MATH2010(3), MATH2220(5), MATH2300(4), MATH2400(4), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), NSCI1000(4), NSCI1010(1), NSCI1020(1), NSCI1030(1), NSCI1050(4), NSCI1060(3), NSCI1061(1), NSCI1070(3), NSCI1071(1), NSCI1110(4), NSCI1120(4), PHYS1000(4), PHYS1030(4), PHYS1050(4), PHYS1060(3), PHYS1061(1), PHYS1070(3), PHYS1071(1), PHYS1120(4), PHYS1140(3), PHYS1201(5),

PHYS1202(5), PHYS1231(4), PHYS1232(4), PHYS1400(3), PHYS1410(1), PHYS1450(3), PHYS1460(1), PHYS1601(5), PHYS1602(5), POLS1100(3), POLS1140(3), POLS1600(3), POLS1700(3), POLS2130(3), PSYC1110(3), PSYC1150(3), PSYC1160(4), PSYC1165(3), PSYC1170(3), PSYC1210(3), PSYC1220(3), PSYC1250(4), PSYC2110(3), PSYC2320(3), PSYC2330(3), PSYC2340(3), PSYC2350(3), SOC1110(3), SOC1130(3), SOC1710(3), SOC1750(3), SOC2110(3), SOC2200(3), SOC2210(3), SOC2410(3), SOC2730(3), SPAN1030(3), SPAN1101(5), SPAN1102(5), SPAN2201(5), SPAN2202(5), SOC2750(3), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT1710(3), TFT2010(3), TFT2500(3), TFT2950(1)

Total Credits Required

60

Program Overview

2026-2027

The Sociology Transfer Pathway AA provides students with a powerful option: the opportunity to directly transfer to a designated Sociology bachelor's degree program at one of seven Minnesota State universities. Students who transfer with this AA degree can enter with junior standing and may complete the bachelor's degree with an additional 60 credits.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Sociology Transfer Pathway AA Full Time](#)
- [Sociology Transfer Pathway AA Part Time](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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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Accreditation

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Special Education Transfer Pathway AS

The Special Education Transfer Pathway AS degree prepares you to transfer seamlessly to a Special Education bachelor's program at a Minnesota State university, allowing you to save on tuition by starting at NHCC.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
EDUC 1200	Introduction to Education AND	View-EDUC 1200		4
EDUC 1280	Multicultural Education AND	View-EDUC 1280		3
EDUC 1300	Technology in Education	View-EDUC 1300		3
EDUC 1350	Foundations in Teaching Literacy	View-EDUC 1350		3
EDUC 1400	Introduction to Special Education AND	View-EDUC 1400		3
		View-		
EDUC 1450	Educational Psychology	View-EDUC 1450		4

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1010	Fundamentals of Public Speaking AND	View-COMM 1010	01	3
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
College Writing II				
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
BIOL 1000	Life Science AND	View-BIOL 1000	03	4
CHEM 1000	Chemistry and Society AND	View-CHEM 1000	03,10	4
MATH 1031	Math for Elementary Education I AND	View-MATH 1031	04	3
PSYC 1250	Life Span Developmental Psychology AND	View-PSYC 1250	05	4
PHIL 1020	Ethics	View-PHIL 1020	06,09	3

General Education Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Goal Area 5: Social Behavioral Sciences (must include Goal Area 8)				
ANTH 1010	Introduction to Anthropology: Cultural Anthropology OR	View-ANTH 1010	05,08	3
ECON 1060	Principles of Macroeconomics OR	View-ECON 1060	05,08	3
GEOG 1040	Human Geography OR	View-GEOG 1040	05,08	3
GEOG 1100	World Geography OR	View-GEOG 1100	05,08	3
HIST 1010	World History: Origins to 1300 OR	View-HIST 1010	02,05,08	3
HIST 1020	World History: 1300 to Present OR	View-HIST 1020	02,05,08	3
HIST 1110	History of Western Civilization Pre 1550 OR	View-HIST 1110	02,05,08	3
HIST 1120	History of Western Civilization 1550 to Present OR	View-HIST 1120	02,05,08	3
HIST 2500	World Regional History	View-HIST 2500	05,08	3
POLS 1600	Comparative Politics OR	View-POLS 1600	05,08	3
POLS 1700	World Politics	View-POLS 1700	05,08	3
Goal Area 5: Sociology Elective				
SOC 1110	Introduction to Sociology OR	View-SOC 1110	05,7B	3
SOC 1710	Introduction to Criminal Justice OR	View-SOC 1710	05	3
SOC 1750	Families in Crisis OR	View-SOC 1750	05	3
PSYC 2110	Principles of Social Psychology	View-PSYC 2110	05,7A	3

Course Code	Title	Course Outlines	Goal Areas	Credits
Goal Area 6: Humanities Fine Arts - 3 Credits				
ARBC 1030(3), ART1010(1), ART1020(1), ART1040(3), ART1050(3), ART1101(3), ART1102(3), ART1160(3), ART1170(3), ART1270(3), ART1301(3), ART1302(3), ART1310(3), ART1320(3), ART1340(3), ART1341(3), ART1361(3), ART1362(3), ART1401(3), ART1402(3), ART1550(3), ART1601(3), ART1602(3), ART1650(3), ART1770(3), ART1810(1), ART1820(2), ART2180(3), ART2190(3), ART2300(2), ART2611(3), ART2612(3), ART2640(3), ART2740(1), ART2750(1), ART2780(1), ART2781(1), ART2782(1), ART2800(1), ART2820(1), ART2860(1), ART2900(1), ART2970(1), COMM1550(3), GCST1030(3), GCST1978(3), GCST225(3), GCST2410(3), GERM1030(3), INTD1030(3), MUSC1130(1), MUSC1160(1), MUSC1170(1), MUSC1180(1), MUSC1190(2), MUSC1200(3), MUSC1220(3), MUSC1241(3), MUSC1242(3), MUSC1300(3), MUSC1320(1), MUSC1350(3), MUSC1370(3), MUSC1500(2), MUSC1501(2), MUSC1502(2), MUSC1510(1), MUSC1560(1), MUSC1600(2), MUSC1610(1), MUSC1800(2), MUSC1801(2), MUSC1802(2), MUSC1810(1), MUSC1830(1), MUSC1850(1), MUSC1860(1), MUSC1870(1), MUSC2010(2), MUSC2170(3), MUSC2180(3), MUSC2241(3), MUSC2242(3), MUSC2970(1), PHIL1010(3), PHIL1020(3), PHIL1030(3), PHIL1040(3), PHIL1060(3), PHIL1070(3), PHIL1080(3), PHIL1120(3), PHIL1220(3), PHIL1230(3), SPAN1030(3), SPAN2201(5), SPAN2202(5), TFT1200(3), TFT1210(3), TFT1250(3), TFT1260(3), TFT1270(3), TFT1280(3), TFT1310(3), TFT1320(3), TFT1350(3), TFT1500(3), TFT1510(3), TFT1520(3), TFT1531(3), TFT1532(3), TFT1540(3), TFT1600(1), TFT1610(1), TFT2010(3), TFT2500(3), TFT2950(1)				
Goal Area 6: Humanities Fine Arts, Literature (must include Goal Area 7)				
ENGL 2300(3), ENGL2320(3), ENGL2330(3), ENGL2350(3), ENGL2360(3), ENGL2370(3), ENGL2380(3), ENGL2410(3), ENGL2450(3), ENGL2460(3), ENGL2570(3), ENGL2900(3), MnTC Elective - 1 Credit				
Total Credits Required		60		

Program Overview

2026-2027

Minnesota needs special education teachers; this licensure area is experiencing increased teacher shortages.

This transfer pathway specifically ensures that a student who successfully completes a Special Education Transfer Pathway Associate of Science (AS) can transfer the entire completed degree into a designated parallel baccalaureate degree program in Special Education at one of the seven Minnesota State universities.

Program Outcomes

- Engage in activities and actions that develop teacher identity and criticality.
 - Understand systemic racism by examining structural policies historically practiced in our housing, economic, employment, and education institutions.
 - Critically examine teacher beliefs and instructional practices to provide equitable curricula.
 - Critically examine teacher beliefs and instructional practices regarding student achievement.
 - Critically examine teacher beliefs and instructional practices regarding assessment practices.
 - Access resources to aid instructional design in equitable curriculum and pedagogy.
 - Engage in a variety of cultural and professional experiences to challenge current teacher beliefs and instructional practices.
 - Present an ongoing professional development plan to address white supremacy characteristics and challenge teacher beliefs and instructional practices.
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Special Education Transfer Pathway Full Time](#)
 - [Special Education Transfer Pathway Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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 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 bachelors 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 fouryear 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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Theatre Transfer Pathway AFA

Find your place onstage or backstage through NHCC's Theatre Transfer Pathway AFA. Learn the essentials from experienced faculty and renowned working artists. Core offerings of the Theatre Pathway curriculum establish a strong foundation through courses such as: Acting I and Acting II, Movement & Voice, Stagecraft, Play Analysis, and vital practicum opportunities in performance and stagecraft, which apply course knowledge gained to live production settings. Electives such as Movement & Voice, Digital Video Production, Fundamentals in Directing, as well as offerings in drawing, design, and playwriting will further enhance students' creative thinking, design, and performance skills. Thrive in an environment that places emphasis on "hands-on," experiential learning and embraces diverse and inclusive programming.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
TFT 1210	Introduction to Theatre AND	View-TFT 1210	06,7A	3
TFT 1450	Stagecraft AND	View-TFT 1450	06	3
TFT 2550	Acting II AND	View-TFT 2550	02,06	3
TFT 1510	Movement and Voice AND	View-TFT 1510	02,06	3
TFT 1600	Theatre Practicum: Performance AND	View-TFT 1600	02,06	0
TFT 1610	Theatre Practicum: Technical AND	View-TFT 1610	02,06	1
TFT 2150	Play Analysis AND	View-TFT 2150	02,06,7B	3
TFT 2550	Acting II	View-TFT 2550	02,06	3

Program Electives

Course Code	Title	Course Outlines	Goal Areas	Credits
Program Electives - 8 credits				
ART 1040	Art Appreciation OR	View-ART 1040	06,08	3
ART 1270	Digital Video Production OR	View-ART 1270	06	3
ART 1310	Three Dimensional Design OR	View-ART 1310	06	3
ENGL 2500	Playwriting OR	View-ENGL 2500	06	3
ENGL 2580	Shakespeare's Plays OR	View-ENGL 2580	06,08	3
MUSC 1350	History of Rock and Roll OR	View-MUSC 1350	06	3
TFT 1250	Introduction to Film OR	View-TFT 1250	06	3
TFT 1260	Introduction to Television OR	View-TFT 1260	06,08	3
TFT 1270	Digital Video Production OR	View-TFT 1270	06	3
TFT 1531	Stage Combat I OR	View-TFT 1531	06	3
TFT 1532	Stage Combat II OR	View-TFT 1532	06	3
TFT 1540	Acting for the Camera OR	View-TFT 1540	06	3
TFT 2010	Fundamentals of Directing	View-TFT 2010	06	3

General Education Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
College Writing I				
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I	View-ENGL 1201	01	4
ENGL 1202	College Writing II OR	View-ENGL 1202	01,02	2
ENGL 1203	College Writing II with Workshop AND	View-ENGL 1203	01,02	2
COMM 1110	Principles of Interpersonal Communication	View-COMM 1110	01,7A	3

MnTC Electives

Natural Science(Goal Area 3)-2 courses,7 credits from different disciplines, one must be a lab course
Highly recommended: (Goals 3 10) ANTH 1020, BIOL 1160, BIOL 1200, BIOL 1610, CHEM 1000, CHEM 1010, GEOG 1010, EEVS / NATS 1100, 1130, 1150, 1160, 1170, 1180, 1200, 1210
Mathematics/Logical Reasoning (Goal Area 4) - 3 credits
History the Social Behavioral Sciences (Goal Area 5) - 3 courses, 9 credits from the following
(Goals 5 8 - 3 credits) ANTH 1010, ECON 1060, GEOG 1040, GEOG 1100, HIST 1010, HIST 1020, HIST 1110, HIST 1120, HIST 2500, POLS 1600, POLS 1700, PSYC 2350
(Goals 5 9 - 3 credits) ECON 1050, GCST 1490, GCST 1504, GCST 1505, GCST 1964, GEOG 1040, GEOG 1100, GWS 1504, GWS 1505, HIST 1230, HIST 2700, POLS 1100, POLS 1140
One Additional 3 credit course not listed above
Environment (Goal Area 10) - 1 course
A minimum of 19 credits to fulfill Goal Areas 3, 4, 5, 8, 9, 10

NHCC Residency and GPA

15 Credits must be earned at NHCC

Program Overview

2026-2027

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.

Minnesota State Universities: Bemidji State University, Metropolitan State University, Minnesota State University Mankato, Minnesota State University Moorhead, Southwest Minnesota State University, St. Cloud State University, Winona State University.

Program Outcomes

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

- identifying in an historical, cultural and societal perspective the genres of theater with exemplary authors and works

Intellectual and Practical Skills, including:

- analyzing and effectively communicating stylistic elements of theater pieces and significant authors, including structural parameters, language, aesthetic factors, and interdisciplinary requirements

- demonstrating technical proficiency and artistic synthesis in vocal, physical and emotional development in performance
- experiencing multiple modern and classical approaches to performance, script interpretation, and character formation
- using a wide range of creative and critical approaches to relate theater art to society

Personal and Social Responsibility, including:

- the ability to work independently and collaboratively in a high pressure creative environment
- understanding cultural differences in theater practices

Integrative Learning, including:

- participating in theatrical productions at varied levels including design, makeup, stagecraft, and production
- demonstrating a required level of proficiency in acting and directing
- investigating careers in the theater arts

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

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [**Theatre Transfer Pathway AFA Program Roadmap Full Time**](#)
- [**Theatre Transfer Pathway AFA Program Roadmap Part Time**](#)

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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

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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Video Game Studies Certificate

The Video Game Studies Certificate centers on artistic design, visual narratives, communication skills, and critique of games, at both a personal and societal level.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
COMM 1210	Small Group Communication AND	View-COMM 1210	01,7A	3
COMM 1610	Introduction to Mass Communication AND	View-COMM 1610	01,09	3
COMM 1550	Video Game Entertainment AND	View-COMM 1550	01,06	3
MUSC 1370	Video Game Music AND	View-MUSC 1370	06	3
ART 1401	Drawing I AND	View-ART 1401	06	3
CSCI 1035	Introduction to Computer Programming with Games AND	View-CSCI 1035		4
ENGL 1200	College Writing I with Workshop OR	View-ENGL 1200	01	4
ENGL 1201	College Writing I AND	View-ENGL 1201	01	4
ENGL 2020	Writing Stories AND	View-ENGL 2020	06	3
ART 2900	Studio Arts Capstone Practicum OR	View-ART 2900	06	1
COMM 2900	Communications Capstone	View-COMM 2900		0

Total Credits Required	27
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Program Overview

2026-2027

The Video Game Studies Certificate centers on artistic design, visual narratives, communication skills, and critique of games, at both a personal and societal level. Students will develop audience analysis and teamwork skills, engage in the development of game narratives, and learn to analyze the impact of existing and emerging game technologies.

Program Outcomes

1. Articulate the connections between different professional roles within the video games industry, including but not limited to artists, coders, promoters, and reviewers (ELO 2a, 4d).
 2. Explain the impact of the history and development of the video games medium on social and cultural interactions (ELO 2a, 3b).
 3. Demonstrate how to adapt game development related messages to different audiences (ELO 2b, c).
 4. Compare and contrast different games in terms of formats, narratives, and design (ELO 2a, 4d).
 5. Analyze video game narratives as they relate to communication processes and cultural variations in use and representation (ELO 4b, d).
 6. Develop an artistic, communicative, and narrative concept for an original video game (ELO 4b, d).
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Video Game Studies Certificate Program Roadmap Full Time](#)

- [Video Game Studies Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Web Graphic Design and Programming and e-Commerce Certificate

The Web Graphic Design and Programming and eCommerce Certificate is a broad-based introduction to designing and scripting small business marketing and commercial websites. Students learn the basic principles behind effective design and web programming, including uploading content to the Internet and the basics of e-commerce.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 2901	Graphic Design Tools I AND	View-ART 2901		3
ART 2561	Web Design I AND	View-ART 2561		3
ART 2562	Web Design II AND	View-ART 2562		3
CIS 1320	Web Tools AND	View-CIS 1320		2
CSCI 1020	Beginning Web Page Programming AND	View-CSCI 1020		1
CSCI 1030	Programming for the Internet AND	View-CSCI 1030		3
CIS 2310	Introduction to E-Commerce	View-CIS 2310		3
Total Credits Required		18		

Program Overview

2026-2027

The Web Graphic Design, Programming and eCommerce certificate is a broad based introduction to designing and scripting small business marketing and commercial websites. Students learn the basic principles behind effective design and web programming, including uploading content to the Internet and the basics of ecommerce.

This certificate is for students who have programming skills and would like to gain creative design and eCommerce skill, or for students who have creative graphic design/art skill and would like to gain skills in programming and eCommerce, or for students who have business/eCommerce skills and would like to gain skills in computer programming and creative design. Some courses are offered online.

This certificate is also a great entry point to begin an A.S. degree in Graphic Design, Computer Science, or Business Computer Systems and Management.

Program Outcomes

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

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

Integrative and Applied Learning, including:

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Web Graphic Design and Programming and e-Commerce Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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Written Communication Technologies Certificate

The Written Communication Technologies Certificate is for students who want to learn fundamental Excel, PowerPoint and Access skills, and advanced Word processing skills.

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
CIS 1101	Business Computer Systems I	View-CIS 1101		3
CIS 1200	Word Processing	View-CIS 1200		3
CIS 1310	The Whole Internet	View-CIS 1310		3

NHCC Residency and GPA

3 Credits must be earned at NHCC

Total Credits Required

9

Program Overview

2026-2027

This certificate is for students who want to learn fundamental Excel, PowerPoint and Access skills and advanced 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.

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
-

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Written Communication Technologies Certificate Program Roadmap Full Time](#)
 - [Written Communication Technologies Certificate Program Roadmap Part Time](#)
-

Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

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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SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
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.	Variable
ACCT	2111	Financial Accounting	This course is a study of the accounting principles and concepts used to understand and develop financial statements. Topics include accruals and deferrals, revenues, expenses, assets, 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.	4
ACCT	2112	Managerial Accounting	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	4
ACCT	2230	Computerized Accounting with QuickBooks	This course provides a hands-on approach to learning how current (on the market) computerized accounting systems are used and installed. The following modules are covered: general ledger, financial statements, accounts receivable, accounts payable, purchasing, inventory and payroll. Note: Knowledge of accounting debits and credits and CIS 1101 or computer experience is recommended. Prerequisite: Acct 2111	3
ACCT	2250	Small Business Payroll	Students taking this course will prepare and analyze payroll transactions, federal/state payroll tax reports. Prerequisite: Acct 2111	2
ACCT	2260	Small Business Income Taxes	This course will assist the student in understanding corporation and personal (Schedule C) tax requirements. It will also show students what they must do to prepare and maintain tax information for the year end business income tax statements. Prerequisite: Acct 2111	2
ACCT	2270	Accounting Employment Skills	This course presents the tools and skills needed for locating and applying for accounting internships and jobs. Students will study work habits and professional attitudes to apply in the business world. Students will learn how to prepare documents needed to successfully obtain an internship as well as future employment opportunities. Students will begin the process to secure their internship position in preparation for taking ACCT 2310: Accounting Internship.	1
ACCT	2300	Accounting Capstone	This final capstone course in the accounting sequence is designed to extend and integrate your understanding of theoretical and practical issues in accounting, including the analytical and decision making processes for business enterprises. Further development of theoretical and practical issues from prerequisite courses and reinforcement of communication skills (writing, discussion, and presentation) are central elements of this course. This course will provide the student with the ability to enter the job market or transfer to a four year school with a good understanding of the accounting functions of a small business. Prerequisites: ACCT 2111, ACCT 2112 and CIS 1220 (or with instructor approval)	4
ACCT	2310	Accounting Internship	This course is for students in the AAS Accounting Technology degree. Students will complete an internship that will allow them to transition from the classroom to the workplace. This internship provides students with the opportunity to gain practical work experience to bridge theory with real-world applications of accounting concepts. Students will complete at least 150 hours of hands-on work experience in accounting and accounting related duties. Students take ACCT 2270: Accounting Employment Skills prior to this course where they secure their internship position.	3
ADEV	0951	College Reading and Learning Strategies I	This course prepares students for success in future college coursework. This course emphasizes learning strategies to improve comprehension and understanding of how various texts are organized. This course requires students to examine their existing learning strategies and introduces students to learning practices, processes, techniques and/or strategies necessary for college success, such as prereading, underlining and annotating, and/or developing study aids. Credit does not apply to a degree. Placement in this class is determined by student's score on the reading assessment test. Students who place into ADEV 0951 are required to enroll in the full reading sequence (ADEV 0951 and ADEV 0952) during the first two terms at NHCC. Students who place into ADEV 0951 are required to enroll in this course during their first term at NHCC.	4
ADEV	0952	College Reading and Learning Strategies II	The academic focus of this course is the introduction of critical literacy skills. Students enrolled in this course are offered extended practice with various literary and informational texts. Students will be expected to produce written products that demonstrate their comprehension of these texts. Students who successfully complete this course will have acquired learning strategies for comprehending and studying a variety of college-level materials. Credit does not apply to a degree. Placement in this class will be determined by student's reading assessment score and/or successful completion of Adev 0951. Prerequisite: For Nursing program students, ADEV 0951 with a grade of B better OR equivalent reading assessment test score. For non-nursing program students, ADEV 0951 with a grade of C or better OR equivalent reading assessment test score.	3
ADEV	1051	Academic Learning Strategies	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 including time management and avoiding procrastination. The students will be introduced to campus resources that are designed to help students succeed. This course is one of two that students may take.	1
ADEV	1052	Academic Learning Strategies II	This course provides an overview of efficient study habits and is intended for students who wish to improve their academic study skills. This course is a follow up from ADEV 1051 where students learn about emotional intelligence, anxiety, and motivation. This course, 1052, 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.	1
ADEV	1950	Reading Texts Critically	This course will focus on developing critical literacy and critical thinking strategies necessary for dealing efficiently and effectively with different kinds of college reading assignments. This course lays the foundation for other courses which students will need to use critical thinking.	3
ADEV	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
ALTH	1020	Phlebotomy Technology	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.	4
ALTH	1025	Phlebotomy Practicum	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.	2
ASL	1101	American Sign Language I (ASL I)	This course teaches the basics for communication with Deaf and Hard-of-Hearing individuals. The course includes receptive and expressive finger-spelling, signing, conversational behaviors, and various aspects of Deaf Culture.	4
ASL	1102	American Sign Language II (ASL II)	This course is a continuation of ASL 1101. The student's signing and fingerspelling will be increased to improve their signing skills. Prerequisite: ASL 1101	4
ASL	1300	Deaf Culture	This class provides students with an understanding of the History and Culture of Deaf People. Students will learn about Deaf and Hard of hearing people in the Deaf Community in all areas of the United States and how the culture has progressed since the 1800's.	3
ASL	1400	Fingerspelling and Numbers	Fingerspelling and Numbers course provides students the fundamentals to learn basic letters, words, and numbers in American Sign Language. This course will prepare students to communicate with Deaf and Hard of Hearing people on a basic level. Practice time in class will allow students to easily increase their speed signing.	3
ASL	1990	Special Topics	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
ASL	2201	Intermediate American Sign Language (ASL III)	This course gives students an opportunity to practice their signing skills while increasing their knowledge of various vocabularies, using appropriate body language and facial expression. The course also will prepare students to read signers and will introduce more complex ASL structures. Prerequisite: ASL 1102	4
ASL	2202	Intermediate American Sign Language (ASL IV)	This course gives students an opportunity to increase their listening and signing skills in depth. Students will meet Deaf people in a field trip setting to expose them to the Deaf world. Students may do observations with Deaf and Hard-of-Hearing people approximately three times. Prerequisite: ASL 2201	4
ANTH	1010	Introduction to Anthropology: Cultural Anthropology	This course examines the nature of culture by studying the forms of conventional behavior (language, ideology, social organization, and technology) and their material manifestations. It also seeks to explain the variation in cultures of representative ethnic groups and societies of present and recent past in terms of ecological adaptation and cultural evolution.	3
ANTH	1020	Intro to Anthropology: Physical Anthropology, Archaeology	This course studies the relationship of prehistoric physical and cultural origins and development of humankind to the establishment of the first civilizations of the Old and New worlds. It examines the archaeological evidence for the theory of bio-cultural evolution, which helps to explain both the prehistoric developments and much of the cultural variation that is in the world today. The course does include a lab-like experience.	3

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ANTH	1130	The Archaeology of Ancient Europe	Anthropology is concerned with the many ways that humans have adapted to their physical and social environments, including the systems of meaning and social organization that they use, as well as the historical development of those adaptations. 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 Temperate Europe (north of the Alps), but to do so we will repeatedly run into the sophisticated cultures of the Mediterranean Basin. Evidence will be considered starting with the first people in Europe, through millennia of hunting and gathering, and then then the broad changes that occurred with the advent of agriculture and metal use, and the increasing societal complexity, ending with the coming of the Romans who brought "civilization" to their northern neighbors.	3
ANTH	1140	Anthropology of Religion	This course involves the study and comparison of religious institutions from a wide variety of cultures. We will consider the wonderful array of beliefs and practices of humanity. We will consider religion, magic, and witchcraft, and how these cultural constructions shed light on the societies in which they were created. Through seminar-style discussions of a variety of essays on religion and some videos, students will engage with the material on a deeper level than they normally would in a lecture format. Throughout the course, students will learn about the development of a wide variety of religious group identities, and their changing meanings across a wide range of cultures, and periods of history. They will learn about the dynamics of social stratification that religious groups experience today. Students will study the diversity of religion, and the racism and bigotry that often plagues peoples ideas and behavior towards other religious groups. This material will bring to light the institutional exclusion and discrimination that certain groups have endured. 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.	3
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.	Variable
ARBC	1000	Arabic I	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.	5
ARBC	1030	Arab Cultures	This course discusses the history and culture of the Arab world, examining various aspects of this rich and venerable civilization, the importance attached to education, the achievements of Arab science and also the internal conflicts, wide-spread poverty, and the role of women. This course is also an introduction to how the religion of Islam created a far-flung Arab Muslim world that embraces lands reaching from the shores of the Atlantic to the Indian Ocean, and examines how social institutions and culture are intertwined with politics and economics. This course is taught in English; no previous knowledge of Arabic language is required.	3
ARBC	1100	Arabic II	This course is the second of two-course series to fulfill the needs of our students as well as our community. It is designed for non-native beginners to learn formal Arabic also known as Modern Standard Arabic.	5
ARBC	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3
ARBC	2000	Arabic III	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.	5
ART	1010	Art Museum Tour: European Art	This course consists of visits to a regional museum . The content of this course centers on historical and contemporary European Art. Viewing artworks in person reveals techniques and details not visible in photographs. Students will need to provide their own transportation to Twin Cities area museums or galleries.	1
ART	1020	Art Museum Tour: World Art	This course consists of visits to a regional museum . The content of this course centers on historical and contemporary African, Asian, and Indigenous Art. Viewing artworks in person reveals techniques and details not visible in photographs. Students will need to provide their own transportation to Twin Cities area museums or galleries.	1
ART	1040	Art Appreciation	The course introduces students to the basic concepts of visual art objects, focusing on the terminology needed to describe and analyze artworks. Fundamental design elements are emphasized to further the development of visual literacy. The understanding of the basic structures of architecture, painting, drawing, and sculpture will be developed. Modes of art analysis are discussed and demonstrated. The general history of art is presented and explained, with attention to the transmission and exchange of world cultures through visual art. This course is presented through lecture and discussion.	3
ART	1050	Foundation of Digital Imaging	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.	3
ART	1100	Creative Cloud Essentials	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.	2
ART	1101	Photography I	This is an introduction to the fundamentals of black and white photography. Both technical and creative skills are developed in the use of the camera, exposing and developing film, enlarging and finishing the black and white photograph. Class critiques help articulate individual visual growth while artist presentations and field trips to galleries and museums help acquaint students with significant photographers. Students use film-based cameras with adjustable shutter speed and f-stop. A limited number of cameras are available for rental.	3
ART	1102	Photography II	This course is for students with a basic background in camera operations and darkroom procedures. There is a greater emphasis on the photograph as a fine print, the student's personal growth and perceptions in the medium. Class time will include discussions, slide shows and guest lectures. Students must have a film-based camera with adjustable shutter speed and f-stop. Course may be repeated for credit. Prerequisite: Art 1101	3
ART	1160	Digital Photography	A logical sequence to Art 1101 or 1140, this class emphasizes the computer as a digital darkroom to create photographic images through the traditional camera or a digital camera.); Course content includes an overview of basic photographic techniques and a rigorous examination of Adobe Photoshop through assignments and personal exploration, class critiques and artist presentations, to help student understanding of photographic art. Students must have their own digital or analog camera.	3
ART	1270	Digital Video Production	This course introduces basic video production concepts and techniques with an emphasis on using the elements of motion and sound as creative artistic tools. Students will critically analyze video in terms of genre, context, meaning, visual language and form and then produce and edit their own short projects that explore creative and experimental applications of the medium rather than the traditional mass communication form. Students are encouraged to use their own computer for editing if possible. Basic knowledge of the computer is helpful.	3
ART	1301	Two Dimensional Design I	This course introduces a visual vocabulary and tools essential for all flat design and space, and investigates basic principles related to composition, pattern making, illusory space, and self expression. Various techniques and materials are explored including paint, pencil, pen, brush, and pastels. This course also introduces students to artists and design elements from a variety of cultures. Strongly recommend taking Drawing I before this course.	3
ART	1302	Two Dimensional Design II	This course expands the study of flat design with emphasis on solving design problems. Students will be engaged in the more complicated tasks of integrating contrasting elements such as nonobjective and objective shapes, naturalism and idealism, shape and mass. Personal expression, design development and visual thinking as well as specialized techniques and materials are included. Design from different cultures and different artists will be discussed. Prerequisite: Art 1301	3
ART	1310	Three Dimensional Design	As an introduction to the basic language of three-dimensional design, this course includes constructive, additive, subtractive and substitution techniques using traditional and contemporary media. Various methods of presentation are explored ranging from small freestanding works to site-specific models and proposals.	3

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ART	1340	Fundamentals of Color	The course teaches fundamental color theory by introducing the physical, perceptual, and artistic aspects of color. The dimensions of color are explored through theory and practice using paint and colored papers. Students also are introduced to the theories of the physiology and the psychology of color reception, cultural taste and preferences as they relate to color choices, and the color usage of well known artists, of art movements, and of different world cultures. Strongly recommend taking Drawing I before this course.	3
ART	1361	Ceramics I	Ceramics is an introductory studio course that presents students with a fundamental understanding of the hand building and wheel throwing processes in clay. This course will focus on a creative and imaginative approach to solving visual problems in clay. Ceramics will introduce all methods of forming clay including pinch, throwing, coil and slab building.	3
ART	1362	Ceramics II	Ceramics II is an advanced studio course that presents students with an in-depth understanding of the hand building and wheel throwing processes in clay. This course emphasizes student's development of a personal creative style taking an imaginative approach to solving visual problems in clay. Ceramics II will introduce all methods of forming clay combining pinch, throwing, coil and slab building with comprehensive glazing techniques. Prerequisite: Art 1361	3
ART	1401	Drawing I	This course introduces basic drawing concepts such as line, value, gesture, proportion, composition, and space; and techniques using traditional and contemporary drawing media. A variety of subjects from still life, architectural forms, nature and the human figure are used as inspiration for the student's drawings. Students will also be introduced to the art of important artists who have used drawing successfully in their work.	3
ART	1402	Drawing II	This course continues the study of drawing concepts using various media to explore color, the human figure, and representational as well as non-representational subject matter. Personal expression is emphasized. Students will examine the art of important artists who have used drawing successfully in their work. Prerequisite: Art 1401	3
ART	1601	Art History I: Ancient to Medieval	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.	3
ART	1602	Art History II: 15th Century to Contemporary	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.	3
ART	1650	Architectural History	This course is a survey of the history of architecture from pre-history to the present day. The student will gain knowledge and understanding of the characteristics of architecture from around the world, the ideas and intentions which motivated builders, as well as terminology related to architectural design and construction.	2
ART	1810	Studio Art Workshop	The 1-credit Studio Art Workshop is a basic studio course that presents to art and non-art students the fundamentals required to complete projects in a particular art medium or art application process. The class covers fundamental technical use as well as incorporating personal aesthetics into ones output in the medium. NOTE: The particular medium covered in a given semester will be noted on the semester class schedule but will not show up in the student transcript. Students desiring to transfer this course may need to obtain a copy of the course syllabus to show the particular medium emphasized in a given semester. This course is repeatable for credit.	1
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.	Variable
ART	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3
ART	2540	Illustration	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.	3
ART	2550	Typography	This course explores basic concepts of typography including: history, anatomy and mechanics, copyfitting, legibility, syntax, and communication within the context of process-oriented, problem-solving projects. Students will learn the effective use, importance and impact of typography in graphic design. This is an advanced course in the techniques of typography for graphic design. Students work on projects that involve complex visual ideas and are encouraged to develop a personal style in their visual communication. 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.	3
ART	2561	Web Design I	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.	3
ART	2562	Web Design II	This is the second of two courses focusing on graphic design for the internet (world-wide web) and/or interactivity, and explores intermediate/advanced concepts from a graphic designer's perspective. Design principles are explored using current software/technologies, as well as user interface (UI) and user experience (UX). Different options for content use will be explore, including the applied use of type. Exploration of prototyping web/interactive experience(s) will be involved. Applied use of graphic design theories and techniques will be reinforced. Critical and competent analysis and evaluation of web design/interactive projects will be addressed, as well as creatively solving problems, developing skills in project management, and continuing proficiency using current web technologies.	3
ART	2601	Advanced Graphic Design I	This is an advanced study of graphic design theory & applications. Students explore effectively designing & delivering messaging to audiences using graphic design principles via a standard design process. The visual language of design is explored via projects that use computers & design software. Students will analyze & evaluate graphic design projects for adherence to design process & fitness-of-purpose. Project/time management is addressed and reinforced, as well as professional networking within the graphic design industry. Work with real graphic design clients (internal or external) is a component of this class when conditions allow.	3
ART	2602	Advanced Graphic Design II	This is an advanced studio course in graphic design. The content and scope of the projects will help students to understand the nature of 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.	3
ART	2611	Painting I	This course is an introduction to the basic skills and techniques of painting. The study of paint and materials, the use of color in painting and the development of ideas are important elements in this class. Exploration of realism, abstraction and contemporary painting are all important aspects of Painting I. Recommended: Art 1340.	3
ART	2612	Painting II	Using advanced painting techniques, this course emphasizes student's development of a personal style. Prerequisite: Art 2611	3
ART	2810	Publication Design	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.	2
ART	2811	AI, AR, Animation	This course explores media formats that are broadly relevant to the Graphic Design Industry: artificial intelligence (AI), augmented/extended reality (AR or XR), & animation - though experimental or unevenly adopted. Projects will be designed to engage audiences with memorable messaging. Media formats for this class change frequently. Open source artificial intelligence will be explored. Teamwork, an experimental attitude, & creativity will be required. Recommend previously completing Psychology 1150, 1160, or Sociology 1110 and MnTC Goal 7/9/10: COMM 1110, 1610 before taking this class.	2

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ART	2900	Studio Arts Capstone Practicum	This course is intended for students who have completed a significant portion of coursework in the Studio Arts AFA program and are within a semester of completion. It is a capstone experience in which students will refine their skills in portfolio building, artistic presentation in the professional arts world, resume building, critique skills, exhibition preparation, and use of web resources for artists' representation. Students will work closely with faculty to integrate concepts learned throughout their program into a final portfolio of work in preparation for continued study or work. Prerequisites: Art 1301, Art 1310, Art 1340, and Art 1401	1
ART	2901	Graphic Design Tools I	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.	3
ART	2902	Graphic Design Tools II	This course is a continuation of Graphic Design Tools I. Advanced skills in Adobe Photoshop (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. We recommend students complete ART 1301, ART 1340, and ART 1401 before enrolling in this class.	3
BIOL	0143	Genetics -UC Berkeley	Consortium Credit - Genetics -UC Berkeley	3
BIOL	1000	Life Science	The course introduces the breadth of biology from the principles of chemistry to ecology. The production and utilization of biological energy is explored at the cellular and organism level. The principles of inheritance and cellular reproduction are explored at the molecular, cellular level and organism levels. The unity and diversity of life and life processes is emphasized. The laboratory focuses on the techniques required to discover biological principles. Activities are hands-on. (3 hours lecture, 3 hours lab).	4
BIOL	1001	Biology I	This course focuses on the concepts of biological chemistry, cell structure and function, cellular metabolism, molecular genetics and heredity reproduction and development. The course is intended for allied health majors and others not requiring a majors-level introductory biology. (3 hours lecture, 3 hours lab).	4
BIOL	1101	Principles of Biology I	This is the first course in a two-semester biology sequence. This course introduces students to the concepts of cell structure and function, cellular metabolism, heredity and genetics. This course is intended for students for biological and physical science majors or those planning to enter a professional program. (3 hours lecture, 3 hours lab) Strongly Suggested Prerequisite: CHEM 1061 or Concurrent Registration with CHEM 1061	4
BIOL	1102	Principles of Biology II	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.	4
BIOL	1120	Human Biology	This introductory level course provides students with a one semester overview of the general structure and function of the human body. Topics will include basic chemistry, cellular structure, and the anatomy and physiology of the 11 organ systems (integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, reproductive). Coverage will focus on the normal function with incorporation of diseases and disruption of each organ system. 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.	3
BIOL	1130	Human Biology with a Lab	This introductory level lab course provides students with a one semester overview of the general structure and function of the human body. Topics will include basic chemistry, cellular structure, and the anatomy and physiology of the 11 organ systems (integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, reproductive). Coverage will focus on the normal function with incorporation of diseases and disruption of each organ system. The course is open to all students; however, it does not fulfill the human anatomy and physiology requirement for those planning to pursue a career in the health sciences. The laboratory is hands-on activities that focus on organ anatomy and its functions. Utilization of preserved specimens in the laboratory is a required part of the course.	4
BIOL	1230	Medical Terminology I - Basics	This course is designed to introduce students to the Greek and Latin derivatives used to form medical terminology. Students will learn how to build and analyze medical terms. Emphasis will be placed on proper spelling, definition, usage, and pronunciation of medical terms. Other topics include: prefixes, suffixes, combining forms, introduction to basic biology, and introduction to body systems.	1
BIOL	1231	Medical Terminology II - Application	This course is a continuation of Biol 1230 Medical Terminology I - Basic. The focus is on applying proper medical terminology in reading medical reports, case histories and using the medical dictionary. Prerequisite: Biol 1230	1
BIOL	1350	Biology of Women	This course is designed to allow students to explore the biological aspects of being female throughout her life cycle from sex cell formation through menopause and aging. Students will also gain an historical perspective of women over the ages including women in science, will be introduced to the nature of science and the scientific method, study the biology of gender differences, gain a multicultural perspective of women's health issues as well as a comprehensive study of female and male reproductive biology. Topics that will be covered include sex cell formation, genetic inheritance, gene expression, sex determination, pregnancy and birth as well as other health issues such pre-menstrual syndrome, birth control, sexually transmitted diseases, and cancer. This course includes a lab-like experience. The course is open to both male and female students. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension	3
BIOL	1360	Biology of Women with a Lab	This course is designed to allow students to explore the biological aspects of being female throughout her life cycle from sex cell formation through menopause and aging. Students will also gain an historical perspective of women over the ages including women in science, will be introduced to the nature of science and the scientific method, study the biology of gender differences, gain a multicultural perspective of women's health issues as well as a comprehensive study of female and male reproductive biology. Topics that will be covered include sex cell formation, genetic inheritance, gene expression, sex determination, pregnancy and birth as well as other health issues such pre-menstrual syndrome, birth control, sexually transmitted diseases, and cancer. The course is open to both male and female students. (3 hours lecture/2 hours lab) NOTE: This course has a lab component that incorporates active learning in a lab setting to support classroom material. Prerequisite: ENGL 0990 or a 78 on the Accuplacer Reading Comprehension	4
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.	Variable
BIOL	2100	Microbiology	This course is a study of bacteria, viruses, fungi and protozoa, infection, immunity, human diseases and microbiology of food and water. Laboratory exercises stress detection, isolation and control of microorganisms. (3 hours lecture, 3 hours lab) Prerequisite: Biol 1001 or 1101 with grade of "C" or better	4
BIOL	2111	Human Anatomy and Physiology I	This course is the first course of a two-course sequence. The course offers students a comprehensive study of the structure and function of the human body in a classroom and laboratory setting. Topics include anatomical terminology, homeostasis, cell structure and function, histology, as well as the anatomy and physiology of the following organ systems; integumentary, skeletal, articular, muscular, nervous, special senses and endocrine. Utilization of preserved specimens in the laboratory is a required part of the course. (3 hours lecture, 3 hours lab) Strongly recommend college level reading abilities, a working knowledge of elementary algebra and a medical terminology course. Prerequisite: Biol 1001 or 1101 with grade of "C" or better. Recommendations for student success in this class include: a prior course in medical terminology, college level reading and basic algebra skills	4
BIOL	2112	Human Anatomy and Physiology II	This course is the second course of a two-course sequence. This course offers students a comprehensive study of the structure and function of the human body in a classroom and laboratory setting. Topics include the anatomy and physiology of the following organ systems: circulatory, non-specific and specific defenses, respiratory, digestive, urinary, reproductive and early development. Strongly recommend college level reading abilities, a working knowledge of elementary algebra and a medical terminology course. Utilization of preserved specimens in the laboratory is a required part of the course. (3 hours lecture, 3 hours lab) Prerequisite: Biol 2111 with a grade of "C" or better.	4
BIOL	2360	Genetics	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	4
BIOL	2610	General Ecology	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.	4
BLDG	1050	Foundations of Construction Codes and Inspections	This course provides an introduction to the field of building inspection and construction codes. Provides an introduction to the field of building inspection and construction codes. The student will learn about the history of codes, what codes and standards are and how they are developed, along with receiving an introduction to plan reading, field inspections, department administrations, plumbing, mechanical systems and information on the industry and types of positions that work in a building department. This course is intended to provide a student with a broad overview of the building inspection industry and construction codes.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
BLDG	1150	Residential Plan Review and Field Inspections	Emphasizes techniques for plan review and field inspections on single family dwellings, townhomes, and accessory structures associated with dwellings, in accordance with the current International Residential Code (IRC). Students will learn about egress components, basic fire and life safety, building construction techniques, building components and systems, and other requirements related to residential dwellings. Prerequisite: BIT 1050	4
BLDG	1250	Commercial Plan Review and Field Inspections	Emphasizes techniques for plan review and field inspections on commercial, industrial, multi-story buildings, and multi-family structures in accordance with the International Building Code (IBC). Discussion topics shall include, but not be limited to, occupancy classification, allowable area, types of construction, fire resistive construction, fire protection requirements, building systems and exiting. Prerequisites: BIT 1050 and 1150	4
BLDG	1900	Legal and Administrative Aspects of Construction Codes	Provides students with foundational concepts of modern administrative government, legal responsibilities in building inspection, inspector's authority, courtroom procedures, building inspection liability, the application of legal rules pertaining to public negligence, governmental liability and ethics. Current issues in the industry will be discussed and integrated into the course as appropriate. The course will provide students with an understanding of public administration as it relates to a code official. Prerequisites: BIT 1050 and BIT 1150	3
BLDG	2600	Building Inspection Internship	Supervised work experience in a municipal building inspection department provides a variety of experiences for people new to the field. Prerequisite: Consent of instructor	2
BUS	1100	Introduction to Business	Students survey major business functions including management, marketing, finance, accounting, and information systems with emphasis on how these functions work together in organizations. Students explore business career paths using labor market data.	3
BUS	1110	Human Relations & Professional Skills	Students explore human relations and professional skills essential for success in business environments. Students examine personality styles, self-concept, emotional intelligence, communication strategies, and diversity in the workplace while developing practical skills in self-management, professional etiquette, decision making, goal setting, professional networking, and strengths-based career planning.	3
BUS	1220	Effective Supervision	Students develop the supervisory skills needed to lead teams, manage performance, and resolve workplace conflicts. Topics include delegation, coaching, performance feedback, time management, and decision-making in front-line supervisory roles. Emphasis on inclusive leadership and managing diverse teams using professional communication and digital collaboration tools.	3
BUS	1300	Legal Environment of Business	Students analyze the legal and regulatory environment affecting business operations including contracts, torts, business entity formation, employment law, and government regulation through case-based analysis. Emphasis on applying legal reasoning to realistic business scenarios and evaluating ethical dimensions of business decisions.	3
BUS	1400	Business Mathematics	Students apply mathematical methods to solve business and finance problems including pricing, interest calculations, consumer credit, and time value of money. Emphasis on using spreadsheet tools for calculations, comparisons, and data visualization to support financial decision-making.	3
BUS	1410	Introduction to Business Finance	Students analyze business financial decisions using ratio analysis, time value of money, and capital budgeting techniques. Topics include financial statement interpretation, risk-return tradeoffs, cost of capital, and investment evaluation. Emphasis on spreadsheet-based modeling and dashboard-style visualization of financial data.	3
BUS	1430	Financial Statement Analysis	Students interpret and compare corporate financial statements using ratio analysis, trend analysis, and industry benchmarks. Emphasis on using spreadsheet tools and publicly available SEC filings to assess financial health and support evidence-based recommendations.	2
BUS	1440	Personal Financial Planning	Students make informed personal financial decisions across life stages including budgeting, credit management, saving, investing, tax planning, insurance, and retirement. Topics include comparison of technology-based and traditional financial advisory tools. Emphasis on constructing a comprehensive personal financial plan using current rates and real-world data.	3
BUS	1450	Investments	Students evaluate investment opportunities across asset classes including stocks, bonds, mutual funds, ETFs, and alternative investments. Topics include fundamental valuation, portfolio diversification, risk assessment, and awareness of technology-driven investment platforms. Students construct a model investment portfolio with written justification for allocation decisions.	3
BUS	1510	Operations Management	This course is designed to provide the student with an understanding of the foundations of the operations function in both manufacturing and services. The course will analyze operations from both the strategic and operational perspectives and highlight the competitive advantages that operations can provide for the organization. The emphasis is on decision making (to include business ethics) in areas such as: facility requirements and utilization, control and coordination of resource inputs and outputs, types of transformation/conversion processes, and performance measurements. Diverse activities, such as determining the size and type of production process, purchasing the appropriate raw materials, planning and scheduling the flow of materials and the nature and content of inventories, assuring product quality, and deciding on the production hardware and how it gets used will be the primary content areas of this class. NOTE: Students are strongly encouraged to first take Introduction to Management BUS 1200.	3
BUS	1610	Consumer Behavior	This course is an in-depth study of how and why people buy and gain an understanding of the factors influencing a purchase decision and how marketing research can enhance decision-making in this area. Topics include social structures and their effect on consumer purchase behavior, individual adoption and resistance behavior, and marketing efforts based on consumer research. Marketing research procedures, methods, and information sources are identified and evaluated. The ability to perform basic marketing research is emphasized.	4
BUS	1810	Entrepreneurship	Students develop a comprehensive business plan for a new venture, acquisition, or franchise. Topics include opportunity identification, feasibility analysis, business model design, market research, financial projections, operations planning, and digital channel strategy. Emphasis on evaluating digital tools for business operations and presenting the plan professionally to stakeholders.	4
BUS	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
BUS	2010	Internship Business	Students apply business concepts from their degree program in a supervised professional work environment. Structured reflection connects workplace experience to course theory. Students use MN DEED career tools to research post-graduation opportunities and construct a professional internship portfolio including work samples and competency summary.	3
BUS	2100	Business Statistics	Students apply statistical methods to business problems using real-world datasets and software. Topics include descriptive statistics, probability distributions, sampling, hypothesis testing, confidence intervals, chi-square tests, one-way ANOVA, regression analysis, and correlation with emphasis on interpreting statistical results to support evidence-based business decisions.	4
BUS	2200	Principles of Management	Students examine management principles organized around the four functions of planning, organizing, leading, and controlling. Students analyze organizational challenges, evaluate leadership approaches, and apply decision-making frameworks to realistic business scenarios. Emphasis on managing diverse teams and evidence-based organizational problem-solving.	3
BUS	2510	Operations Management	Students analyze how organizations design, manage, and improve processes for producing goods and services. Topics include operations strategy, supply chain management, quality systems, capacity planning, inventory management, and process improvement. Emphasis on using data-driven tools and KPI metrics to evaluate and optimize operational performance.	3
BUS	2600	Principles of Marketing	Students examine marketing principles and the strategic role of marketing in organizations. Students analyze consumer markets, evaluate marketing mix decisions, and develop a marketing plan for a real or simulated business. Emphasis on market research, segmentation, and data-informed marketing strategy.	3
BUS	2610	Consumer Behavior	Students analyze the psychological, social, and cultural factors that influence consumer decision-making. Topics include perception, motivation, learning, attitudes, group influences, and the consumer decision journey. Emphasis on applying behavioral frameworks to develop marketing strategies for diverse consumer segments, including Minnesota's multicultural communities.	3
BUS	2620	Fundamentals of Promotion	Students develop and evaluate integrated marketing communications (IMC) strategies across advertising, sales promotion, personal selling, public relations, and digital channels. Topics include creative strategy, media planning, budget allocation, and campaign measurement. Emphasis on analytics-driven campaign evaluation using KPI dashboards and projected metrics.	3
BUS	2630	Fundamentals of Sales and Service	Students practice professional selling and customer service through applied scenarios and role-play exercises. Topics include consultative selling, objection handling, closing techniques, customer relationship management, and ethical sales practices. Emphasis on building a sales plan with CRM workflow and performance targets.	3
BUS	2640	Fundamentals of Digital Marketing	Students plan, execute, and measure digital marketing campaigns across SEO, paid search, social media, email, and web channels. Topics include platform analytics, content strategy, conversion optimization, and marketing automation. Students evaluate AI-assisted marketing tools for effectiveness and ethical implications, maintaining human oversight of AI outputs.	3
BUS	2650	Marketing Capstone	Students integrate prior marketing coursework into a strategic marketing plan for a real business. Topics include market research, positioning, branding, promotional strategy, financial projections, and analytics-driven performance measurement. Students present the plan professionally, defending strategic decisions through evidence-based argumentation.	2

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
CHEM	1000	Chemistry and Society	This is a basic introduction to chemistry in the everyday world, with emphasis on the role that chemistry plays in personal and professional lives. It is intended for anyone seeking to become a better informed citizen of our technological society. Basic chemical principles will be introduced and their impact on society will be discussed. The course enables students to use concepts of chemistry to think critically about current issues in science and technology. No background in Chemistry or other Natural Sciences is presumed; a strong background in math is not required. Heavy use of the internet for research and communication will be an important component of this course. This course is recommended for non-science majors looking to fulfill the science course with lab component. (3 hours lecture / 3 hours lab)	4
CHEM	1005	Chemistry for Healthcare Professionals	This is a one-term laboratory chemistry course (2 hours lecture, 3 hours lab) designed for non-science majors primarily in healthcare programs. We will learn about basic concepts in Chemistry, including atomic theory and stoichiometric relationships, to think critically about current environmental issues in science. These concepts will also be applied to the health field. The course also explores the role chemistry plays in our personal and professional lives. During the lab portion, we will observe and collect data, relate it to the knowledge gained from lecture, prepare for relevant interpretation of the laboratory results, and the apply results to personal experiences. (e.g., why it is important that healthcare professionals understand the role partial pressures play in blood pH.) This course is not recommended for students who wish to continue to take more chemistry courses. This course is not a substitute for Chemistry 1010, which is a 4-credit course	3
CHEM	1010	Introduction to Chemistry	An introduction to the basic concepts of Chemistry along with mathematical application, which include the atomic theory, periodic trends, stoichiometric relationships, kinetic-molecular theory, molecular structure, heat transfer, and chemical properties as related to the gas and liquid and solid phases. 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.	4
CHEM	1030	Introduction to Physical Sciences	In this course, students will explore the basics of chemistry and physics by examining such concepts as understanding and measuring matter; atoms, elements, compounds and mixtures; physical and chemical properties of matter; states of matter; chemistry fundamentals, the periodic table; bonding and types of compounds; mixtures and solutions; chemical reactions; properties and sources of energy; heat; electricity, circuits, and power; properties of sound & light; the behavior of sound & light; forces and motion; work and simple machines. This course is intended for students who wish to complete a science course with a lab. It is not a prerequisite for any science or health programs. This course may not be used as a substitute for a chemistry course or a physics course. Math 0901 (Intro to Algebra) or basic math skills are highly recommended.	4
CHEM	1061	Principles of Chemistry I	This course explores the fundamental concepts of Chemistry, focusing on atomic theory, stoichiometry, kinetic-molecular theory, molecular structure, and chemical bonding, as they relate to the gas, liquid, and solid phases. The laboratory portion with experiments includes observation, data collection, and mathematical applications supporting the concepts studied in class.	4
CHEM	1062	Principles of Chemistry II	This is a one-term chemistry course (3 hours lecture, 3 hours lab) designed for science majors who are preparing for Organic Chemistry courses and admission to health programs and advanced chemistry studies. We will learn about standard concepts in Chemistry including chemical equilibrium, acids and bases and buffers, chemical solutions and their properties, chemical kinetics, chemical thermodynamics and electrochemistry. During the lab portion, we will observe and collect data, related it to the knowledge gained from lecture, and prepare for relevant interpretation of the laboratory results.	4
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.	Variable
CHEM	2061	Organic Chemistry I	This course is a study of the covalent molecules associated with carbon, emphasizing the mechanism of the reactions and the stereochemistry of aliphatic, alicyclic, and olefinic molecules. Functional groups that will be studied include the saturated and unsaturated hydrocarbons, alcohols, ethers and halides. The laboratory portion of the course includes a thorough study of the basic techniques for the isolation and purification of molecules isolated from natural products and from reaction mixtures. (4 hours lecture, 4 hours lab) Prerequisite: Chem 1062	5
CHEM	2062	Organic Chemistry II	This course is a study of the mechanism of reactions of, and the structure of, all of the carbonyl compounds and their derivatives, and of the carbohydrates, amino acids, proteins, heterocyclics, other natural products sequence reactions, unknown identification and original literature preparations. Spectroscopic analysis will be utilized throughout these experiments. (4 hours lecture, 4 hours lab) Prerequisite: Chem 2061	5
CIS	1000	Computer and Keyboarding Essentials	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).	3
CIS	1101	Business Computer Systems I	This course develops computer and digital literacy and emphasizes its importance in today's businesses and society. Through hands-on experience students will gain an understanding of computer concepts, capabilities and applications and be able to implement this knowledge in their professional and personal lives. Computer applications covered include word processing, spreadsheets, presentation graphics, databases, windows/operating system, e-mail use and management, folder and file organization and use of the Internet. Computer concepts covered include understanding computers and mobile devices, how a computer works, managing files, computer and mobile device hardware components, digital safety and security, application programs, input and output devices, digital storage options, ethical practices and Internet basics. Hands-on experience will be provided on computers in the Windows environment using the Microsoft Office Suite including Word, Excel, Access, and PowerPoint. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3
CIS	1102	Business Computer Systems II	Emphasis is on an in-depth understanding of the Microsoft Office Suite beyond the fundamentals of CIS 1101. Students will develop their skills with exercise-oriented learning by completing advanced training working with spreadsheets, word processing, presentation graphics, and relational databases. Students will complete an integrated application project incorporating several software applications into one final document. Computer concepts covered include communication networks, operating systems, the internet, database management, data security, computer careers, and background to become a productive, knowledgeable computer consumer and professional. Hands-on experience suitable for professional purposes or personal use will be provided on computers in the Windows environment using the advanced features of the Microsoft Office Suite including Word, Excel, Access, and PowerPoint. If you believe you have computer experience that is equivalent to the prerequisites of this course, CIS 1101, please contact the instructor for permission to register for this class. Check with your instructor for the software edition that will be used.	3
CIS	1200	Word Processing	This course introduces students to the word processing cycle and how word processing is used in the work place. This course is for anyone who needs to prepare their own business documents. Students will use the Microsoft Office Word application to create and edit business documents, enhance page layout, create tables, create reports, create columns, and create form letters and merge with a mailing list. Other topics covered include: styles, templates, mailing labels, drawing objects, graphics, and WordArt. After this course, the student would be prepared to take the Microsoft Office Certified Application Specialist Exam for Word. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3
CIS	1220	Decision Making Excel	This course uses Microsoft Excel as a problem solving tool in analyzing and designing solutions for common business and organizational problems and then using that information to guide decision-making. This course is for anyone who has to analyze, share, chart and manage information to make more informed decisions. Problems are taken from management, accounting and finance, manufacturing and production, sales and marketing and human resources. Beginning to advanced spreadsheet concepts covered include creating, editing, formatting, printing and saving worksheets, creating charts, filtering lists, creating pivot tables, inventing macros, importing data, creating data tables, evaluating and using functions, constructing formulas, integrating worksheet data with other programs and ethical Excel practices. After this course, the student would be prepared to take the Microsoft Office Specialist (MOS): Excel Exam. Knowledge of the keyboard is recommended for this course. Check with your instructor for the software edition that will be used.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
CIS	1230	Business Presentations: PowerPoint	This course introduces students to business presentation concepts and applications using the most current PowerPoint software. This course is for anyone who has to or wants to prepare engaging and effective business presentations. Students will plan, organize, prepare and produce professional quality presentations to meet organizational and business needs. Features studied include customizing a presentation, design templates, slide layouts, custom slide animation and transitions, using multimedia, charts and diagrams, integration, and tools for producing multiple outputs including publishing to the web. This course will provide a thorough understanding of PowerPoint's most important tools and features. After this course, the student would be prepared to take the Microsoft Office Specialist Exam for PowerPoint. NOTE: Knowledge of the keyboard is recommended for this course.	3
CIS	1240	Information Management: Access	In this course students will learn how to plan, design, create, query, create forms and reports, export to and import data from and maintain a database. This course is for anyone who has to make more informed decisions by effectively tracking, reporting, and sharing information. Applications will be taken from a variety of business and organizational scenarios. Students will integrate databases with Excel and Word. Students will learn how databases interact with other applications (including the Internet) and can become the foundation for an e-commerce web site. Students will develop an understanding of how an effective database supports the business decision-making process. After taking this course, the student would be prepared to take the Microsoft Office Specialist Exam for Access. Completion of CIS 1101 or prior database experience is recommended for this course.	3
CIS	1250	Photoshop Essentials for Business	This is an introductory course in business computer graphics. This course is for anyone who has to prepare digital images for business publications for print or for the Web. Students will learn how to use Photoshop's tools to create and enhance digital images. Students will create images from composites as well as separate document objects into layers. Course content will include techniques to retouch photos, i.e. removal of red eye, softening blemishes and imperfections, and elimination of unwanted items from digital photographs. Students will learn how to prepare and save images in different formats for different purposes, such as for use on the Web, in print and in other computer programs. Recommended: Knowledge of the keyboard	3
CIS	1260	Business Communications and Technology	This course provides students the knowledge to become successful communicators in a business environment through improving and practicing written, oral, face to face, and virtual technology based communication skills, processes, and strategies. This class will incorporate the effective use of Web-based communication, video conferencing, e-mail etiquette, presentation skills, presentation technologies, teleconferencing, and telephone usage. Students will also apply improved verbal, nonverbal, listening, writing, team, conflict, and negotiation skills in organizational situations. This course is for any student wishing to increase their business communication effectiveness in a global and technological business environment. Recommended: Completion of ENGL 1201 College Writing I and CIS 1101 Business Computer Systems I.	3
CIS	1300	Introduction to the Internet	This course develops a basic understanding of the Internet and the World Wide Web using a popular browser such as Internet Explorer. Students will search the web; download, save and print web pages; learn and use search tools to find information quickly; create a favorite or bookmark and organize their favorite web sites; learn about communication on the Internet using email, accessing newsgroups and chat rooms; learn how to email attachments and download files from their email; and discuss personal security on the Internet. Hands-on exercises will give students the opportunity to apply these concepts. This course will give students an introduction to the capabilities of the Internet. Knowledge of the keyboard is recommended for this course.	1
CIS	1310	The Whole Internet	This course provides a comprehensive understanding of the Internet. This course is for anyone who wants to use the internet effectively, efficiently and safely, understand the uses of the Internet, create web pages and also increase their confidence and knowledge. Students will learn about the basic technology that supports the internet, effectively use e-mail and other types of communication, explore virtual communities and web tools, use search engines and directories to find information on the internet, evaluate the quality of web resources, locate software, explore e-commerce concepts, learn how to use the internet safely, manage common security threats and create web pages. Students will use e-mail, a class web site, and other web based tools to develop proficiency. The course explores current internet innovations. Previous exposure to the internet is not required.	3
CIS	1320	Web Tools	This class focuses on exploring, evaluating and learning how to use the latest tools and applications on the Internet. You will explore your interests and build a portfolio to demonstrate what you can do using innovative web based tools. Some of the tools and applications may include: Marketing and Business, Professional Networking, Virtual Environments, Bookmarking, Social Networks, Multimedia, Photos and Digital Images, Employment and Jobs, Collaboration, Video-Sharing Sites, Podcasts, Wikis, Blogs, Content Aggregation and Management, Organization, Games and Entertainment and more. This course is for anyone who wants to increase their internet skills and knowledge and understand current web tools. Some knowledge of the internet is required such as ability to use email and search engines. If you need more internet knowledge before taking this class, CIS 1310 The Whole Internet is recommended. The course may be modified as class needs dictate and to incorporate current events.	2
CIS	1520	Spreadsheets	This course introduces students to the problem solving capabilities of Microsoft Office Excel spreadsheet software. Students will plan and format spreadsheets and analyze data. Topics covered include worksheet formatting; charting data; and using formulas and functions to perform calculations and analyze data. Hand on exercise will give the opportunity to apply these concepts. Knowledge of the keyboard is recommended for this course. Microsoft Office Excel will be used. Check with your instructor for the software edition that will be used.	1
CIS	1700	Project Management Software Tools	This course provides students with an understanding of the technology, concepts and process that supports project management. This course is for anyone who wants to develop project management software application skills in order to be more effective and efficient. Emphasis will be on a practical skill-building approach to project management software, concepts and process so students will apply knowledge to new problems, think critically and creatively, work collaboratively in teams and develop skills that can be applied outside the classroom. This course will include using project management software to bring about the successful completion of specific project goals and objectives.	3
CIS	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
CIS	2010	CIS Internship	This is a capstone course for students in a Business Computer Systems & Management or Individualized Studies programs. It includes practical, on-the-job training in a business or organizational environment under executive supervision and related learning activities. Internships are arranged on the basis of the student's interests and career goals. Recommend student contact instructor before registering. Recommend: A minimum of 9 credits in CIS, ACCT, or BUS.	3
CIS	2310	Introduction to E-Commerce	This course introduces students to the key strategic business and technological elements of electronic commerce. Students will explore the theory, practice and technology of conducting business over the internet and the World Wide Web. This course is for students who want to put their business on the internet, work at companies that want to do business over the internet, want to know more about business and the internet or want to know more about emerging e-commerce technology. Students will focus on applying key concepts through hands-on real world e-commerce planning and web site development. Topics covered include identifying e-commerce opportunities, marketing and selling on the internet, building a web presence, designing a web site, improving efficiency and reducing costs through business-to-business activities, using social networking to connect with customers and suppliers, exploring mobile commerce opportunities, analyzing electronic commerce software, hardware and commerce service providers, investigating electronic payment systems, examining electronic commerce security, thinking globally, scrutinizing legal, ethical and tax issues and planning. Also includes identifying current issues in e-commerce and emerging technology. Experience with programming languages or creating web sites is not required. NOTE: Computer and internet knowledge recommended	3
CMSV	1000	Construction Professionalism Seminar	This course is designed to be an introduction to careers in the construction industry. It will be an exploration of the breadth and depth of construction opportunities and the diversity of the occupational career pathways open to students. The differences between residential, commercial, civil, industrial, and specialty construction will be explored as well as exposure to the different occupation opportunities as a tradesperson, project manager, staff management specialist, design professional and business owner. Industry standards and expectations will be part of the course, and at its completion students will have had the opportunity to complete course work to receive an OSHA 10 hour training certification.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
CMSV	1200	Construction Graphics	Study of graphic solutions to problems conditioned by traditional and emerging construction document standards. Students will produce construction graphics using computer-assisted processes. The principles of construction graphics are applied to the visualization, communication, and graphical analysis of problems.	3
CMSV	1300	Legal Aspects of Construction	Students will study the basic principles of law and its impacts on the business of construction contracting. Topics will include contracts, property law, mechanics liens, drafting a bid, ethics, employment issues, wage laws and hiring practices in both a union and a non-union work setting. The focus of the course is on construction contracting businesses, their employees and customers.	3
CMSV	1500	Construction Technology I	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.	5
CMSV	1550	Construction Technology Field Experience	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	4
CMSV	1600	Construction Technology II	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	5
CMSV	1650	Construction Technology Field Experience II	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	4
CMSV	1700	Construction Technology III	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	5
CMSV	1750	Construction Technology Field Experience III	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	4
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.	Variable
CMSV	2100	Soils and Concrete Technology	This course familiarizes students with the history and fundamentals of concrete, admixtures, soils and aggregates. The student will understand the interactions of concrete, weather, and soil conditions; the proper placement of concrete; bearing capacity of soils; and the basic principles of concrete and soil inspection.	3
CMSV	2200	Construction Quality Assurance and Quality Control	Students will be introduced to QA/QC and the concept of Construction Quality Management in the residential, commercial and civil construction industries. It will emphasize QA/QC in civil construction and focus on the types of materials, construction methods and quality control necessary for building road, bridges, underground utilities and other types of civil construction projects. Students will have the option to obtain a Minnesota Department of Transportation Concrete Field 1 certification as part of this course. Prerequisite: CMSV 2100 Concrete and Soil Technology	4
CMSV	2870	Construction Management	Students in this course examine estimating, purchasing, bidding, scheduling, coordinating, expediting, and supervising work and dealing with public agencies, the design professions, suppliers, and subcontractors as these activities relate to the operation of a building contracting company.	3
CMSV	2875	Mechanical and Electrical Systems	This course will prepare students to identify, analyze, and evaluate all aspects of building mechanical, electrical, and plumbing systems. The students will explore a variety of systems found typical in both residential and commercial buildings and will have the opportunity to gain detailed knowledge on how systems are designed, constructed, and perform. This course is designed for construction managers, project superintendents, code officials, and other construction related industry professionals.	4
CMSV	2885	Construction Estimating	This course explores the basic techniques and guidelines of estimating. The student will develop skills to prepare cost estimates considering the important aspects of material takeoffs, labor, equipment, and time. Practical, step-by-step cost estimating procedures will be applied to an actual building project.	4
CMSV	2890	Building Organization and Technology	This course is an introduction to the varied technology that comprise buildings and an exploration into the sequential process of building construction. Theories of building types, functional organizations, and material applications are presented. This course also includes the identification of historic basis for, and comparison between, basic building materials and construction methods. The importance of building assembly sequences also is presented.	3
CMSV	2895	Construction Management Internship	Provides the student an opportunity to observe and participate in all aspects of construction management that are typically encountered in the construction workplace.	3
CMSV	2900	Construction Scheduling	This course explores the basic techniques and guidelines of the critical path method (CPM), and the precedence diagramming method (PDM) scheduling. The student will develop skills to prepare construction schedules by considering the important aspects labor, equipment, and time cost scheduling. Practical step-by-step scheduling techniques will be applied to an actual construction project.	3
COMM	1010	Fundamentals of Public Speaking	This course provides instruction and practical experience in the basics of public speaking. This course has a performance component: students are expected to create and deliver informative, persuasive and other types of speeches.	3
COMM	1110	Principles of Interpersonal Communication	This introductory course looks at communication in one-to-one relationships in friendships, families, the workplace, and elsewhere. Students will be challenged to discover and assess their own communication strengths and weaknesses as they define and discuss what it means to be a competent interpersonal communicator. Course content includes both theory and practice (skill development).	3
COMM	1210	Small Group Communication	This course examines communication in small groups. Students will participate in and analyze how small groups function, how leadership roles evolve, how decisions are made and how conflicts can be resolved. Students will work in small groups, complete group projects, and analyze group interaction.	3
COMM	1310	Intercultural Communication	The influence of culture is an especially important and sensitive issue facing us today. A person's culture strongly influences his/her identity, beliefs, expectations, and communication style. This course explores communication across culture as defined by nationality, gender, and ethnicity while concentrating on effective use of communication in all of these areas.	3
COMM	1550	Video Game Entertainment	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.	3
COMM	1610	Introduction to Mass Communication	This introductory course is intended to develop critical and analytical skills for understanding mass media; for recognizing messages, making deliberate choices about them, and evaluating the effects of these messages in both an individual and societal context. Students will examine the history, evolution, and societal impact of a wide variety of media, including print, film, and social media and will develop skills to make informed, ethical evaluations of the mediated messages they receive.	3
COMM	1810	Introduction to Health Communication	This introductory course is intended to develop critical and analytical skills for understanding human communication in the health care industry. Students will discuss and apply various communication strategies in a variety of contexts, including patient care, between healthcare professionals, and with a larger public in the form of healthcare advocacy campaigns. The impact of cultural diversity and ethics in decision-making will be examined in the context of healthcare professions.	3
COMM	1910	Argumentation and Public Advocacy	This course applies introductory argumentation theory so that students can advocate for themselves with spoken arguments in a variety of situations. Students develop initial strategies through research and written analysis, which are later used to deliver oral arguments and responses to other students in real time. Common course topics include evaluating the effectiveness of evidence, identifying with audiences and their values, gaining experience in a more formal debate setting, and evaluating and crafting arguments ethically and responsibly. Assignments prepare students for oral advocacy in a range of contexts, from interpersonal and small group settings to larger discussions of public and social policy in American culture.	3
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.	Variable
COMM	2610	Introduction to Public Relations and Strategic Communication	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.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
COMM	2900	Communications Capstone	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 one COMM course and have instructor permission.	Variable
CRD	1000	Career Exploration and Planning	This course is designed to empower students with career decision-making skills that can be used their entire lifetime. Students will explore personal interests, values, skills, and personality styles as they apply to a career, changing careers, and academic degrees. A variety of career and personality inventories will be used to engage students in the decision making process. Current issues and trends in the workforce related to hiring and job opportunities will be evaluated. Students will explore the job search process and develop effective techniques in preparing a resume and cover letter. Students will also develop networking skills and interviewing techniques to prepare for the eventual job search and/or transfer to a four year college or university. Note: No credit will be given for this course if student has completed ADEV/BUS 1000.	3
CRD	1990	D2L Tutor Training	This course was created so that a D2L Training course will show in Navigate so that students can schedule D2L training with our Tutoring Center.	0
CSCI	1000	Computer Basics	The students will get hands-on experience with an operating environment (the current version of Microsoft Windows) and Windows-based applications which include spreadsheets, word processors and presentation packages. The course enables students to use computers to process information and communicate using e-mail and World Wide Web.	3
CSCI	1020	Beginning Web Page Programming	Students learn practical techniques and principles of Website authoring; create multimedia-enhanced commercial, entertainment or educational sites; and plan site maintenance, promotion and implementation of user feedback. Prerequisite: Some experience with Microsoft Windows	1
CSCI	1025	Responsive Web Design	This course will prepare students to design web pages that will respond to the media or device on which they are viewed. This course will focus on HTML5, some JavaScript and CSS media queries. Prerequisites: A grade of C or better in CSci 1020	1
CSCI	1030	Programming for the Internet	This course covers the practical aspects of a programming language used for development of advanced Internet applications which include: on-line animation and interactivity, feedback, and browser control enhancements. The actual language used (JavaScript, Perl, or Java) will be chosen by the instructor. The course also includes a brief introduction to advanced HTML and SCS, uploading the site to a Web server and promoting it. Prerequisite: CSci 1000 or 1010 or 1020 or CIS 1101 or 1102	3
CSCI	1035	Introduction to Computer Programming with Games	This is an introductory computer programming course. The students will engage in hands-on implementation of games and simulations in a graphics-enhanced development environment. The students will learn how to transform game scenarios into algorithms and programs, create user interfaces, and incorporate multimedia. Basic computer skills are necessary for success in this class.	4
CSCI	1040	Fundamentals of Structured Query Language (SQL)	The goal of this course is to teach students how to design, build and use databases utilizing Structured Query Language (SQL). Students will learn to enter and retrieve information from a relational database. Students will learn SQL syntax for query creation, including complex multi-table joins, and for displaying and analyzing query results. Students will design and deploy their own databases.	3
CSCI	1050	Computer Security Basics	This course 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, network defense, 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 various issues surrounding secure computing. Proficiency in computer skills is strongly recommended.	3
CSCI	1120	Programming in C/C++	This course introduces the C/C++ 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, functions, procedure and the basics of object-orientation.	4
CSCI	1130	Introduction to Programming in Java (CS0)	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.	4
CSCI	1150	Programming in C# for .NET	This course provides an introduction to object-oriented programming using the C# programming language. The majority of the course will be on the semantics of the C# language, a major component of Microsoft .NET development environment. Topics include: Visual Studio .NET integrated development environment, selected value and reference types, control structures, operators and expressions, methods, classes, and inheritance. Completion of this class will prepare the student for advanced topics in C#. Prerequisite: Math 1150 with a grade of "C" or better	4
CSCI	1180	Introduction to Linux Operating System	This course introduces Linux, a popular open-source operating system and a variety of Unix. Topics include installing and using Linux, the architecture of Linux, using the command-line shell, the file system, common utilities (including text editors), and the basics of shell scripting. As a component of Cyber Security certificate, this course addresses the security matters of user login authentication, file and program permissions, computer networking, and network protocols. Hands-on work with Linux is a central part of this class. Some experience in computer programming is recommended.	4
CSCI	1990	Topics:	Description - This course surveys practical implementations and mechanisms underlying programming languages. Students learn the concepts and terminology of compiler components used to generate computer programs. This is a project based course that entails writing a simple compiler and/or interpreter. Major Content Areas - Topics include interpretation, compilation sequence and targets, language patterns, symbol tables, lexical analysis, semantic analysis and parsing, error handling, code generation, and optimization. Prerequisites - CSCI 1130 or CSCI 1120 or permission of the instructor. Learning Outcomes - Students successfully completing this course will be able to: Describe and explain the terminology and techniques of lexical analysis, semantic analysis and parsing, instruction flow, and code generation. Explain the typical components of a compiler and related models of implementation. Explain low level compilation sequences. Describe cross compilation for operating systems and CPUs. Describe code optimization.	Variable
CSCI	2001	Object Oriented Programming (CS1)	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.	4
CSCI	2002	Data Structures and Algorithms (CS2)	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.	4
CSCI	2010	Discrete Mathematical Structures	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.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
CSCI	2011	Programming in Python	The course will introduce the Python Programming language in terms familiar to students experienced with writing simple, yet complete, programs in other languages. Additionally, the course will focus on utilities and features considered strengths in Python. This includes interfaces to specialized libraries and databases. Prerequisites: CSCI 1120 or CSCI 1130 or CSCI 1150 or CSCI 2001 or CSCI 2400	1
CSCI	2020	Computer Architecture	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.	4
CSCI	2030	Database Modeling and Design	This course covers relational databases from conceptual design to implementation. The course will include logical and physical design, normalization, as well as the definition of tables and keys. The use of Structured Query Language (SQL) for data retrieval and manipulation will be emphasized.	4
CSCI	2040	Introduction to Networking Protocols and Analysis	This class examines the basic principles of networking, transitioning from Transmission Control Protocol, User Datagram Protocol, Internet Control Message Protocol, and Internet Protocol (TCP, UDP, ICMP, and IP), network architecture, and the Open Systems Interconnection (OSI) model into network defense. Networks are essential for organizational success, and cybersecurity professionals must understand network processes, protocols, and administration. This course will focus on developing skills in creating network architecture, network administration, network analysis, and how to apply this knowledge to improve the network security posture through defense in depth.	4
CSCI	2050	Internship Computer Science	The main objective of this course is to provide practical training and real work experience for the students. Often, it will include productive work contribution, and prospective employee evaluation for the employer. It can lead to increased college-industry interaction for the department and the college. Completion of this class will better prepare the student for multiple activities in a workplace. It should reflect positively on the students resume (employers view internship experiences positively.) Internship is an excellent opportunity for a student to affirm career interests. These opportunities can also provide the credentials needed for full-time positions. Internships and co-ops provide opportunities to network with professionals; strengthen confidence, maturity, and professionalism; establish professional references. Prerequisite: Enrollment in the computer science program, completion or concurrent enrollment in CSCI 2002, a "B" average in all CSCI courses	3
CSCI	2060	Web Programming in ASP.NET	ASP.NET is a technology for creating web-based programs and services. This course introduces ASP.NET on the foundation of the prerequisite courses that taught the fundamentals of .NET framework, C# programming language, SQL Server database, and the primary development environment Microsoft Visual Studio. The main goal of this course is to teach the basics of creating and deploying Web applications utilizing ASP.NET technology. Besides using the C# programming language, the students will learn the commonly used ASP.NET controls included in Microsoft Visual Studio. The course includes the techniques of reading the data from a SQL Server database into a Web application and displaying it on a web page, as well as modifying and amending the database content. Prerequisites: CSCI 1150 and CSCI 1040	4
CSCI	2101	Foundations of Cryptography	This is a foundational course in cryptography covering systems of secure communication relevant to the field of Cyber Security and to Computer Science in general. Topics include theories and applications of encryption of both historical and modern methods, and techniques for creating systems of secure communication. Programming is undertaken to encode and decode information using industry standard cryptographic algorithms. The C programming language is emphasized due to its ubiquity in both the field of applied cryptography and in operating systems. While this is not a course to study techniques for breaking cryptographic systems (cryptanalysis), considerations are given to the probability that weaknesses in a cryptographic cipher can be exploited and that data confidentiality, integrity, and availability can be potentially lost.	4
DSCI	2001	Data Science I	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.	4
DSCI	2002	Data Science II	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.	4
DSCI	2009	Interdisciplinary Applications in Data Science	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.	2
EAP	0830	Reading Skills Development	In this course you will work on strengthening your reading, vocabulary, and study strategies. You will have the opportunity 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.	4
EAP	0860	English Language Skills Development	This course will help you improve your academic English language skills in writing and grammar. You will practice writing to build fluency and grammatically correct sentences. You will write as a regular academic activity and learn strategies to continue your language development.	5
EAP	0880	Listening and Speaking Skill Development	This course will focus on developing your academic listening and speaking skills in English. During this semester you will work on building the note-taking, presentation, and discussion skills you will need to study successfully at the college level. Prerequisite: Placement test scores	4
EAP	0930	Academic Reading and Study Skills	This course provides advanced level readers with intensive practice and extensive reading tasks in various writing genres. You will strengthen reading proficiency, speed, and comprehension, and the ability to make inferences from text. You will also develop advanced vocabulary building strategies. Active study strategies are among the skills practiced as you progress toward skillful, independent reading.	4
EAP	0960	Academic Writing Skills Development	In this course, you will develop academic paragraph writing through multiple drafts, working towards academic essays. You will also continue to strengthen your English language skills. This course focuses on developing writing process skills and the study of various rhetorical patterns.	4
EAP	0980	Academic Listening and Speaking	This course focuses 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. This course also reviews North American English in terms of vowels and consonants, syllables and word stress.	4
EAP	1230	College Reading and Studying Skills	This course focuses on the college-level reading, language and study skills you will need for your courses. You will review readings and complete tests and assignments that will support your reading and studying in college courses. Readings will represent a diverse global perspective.	4
EAP	1260	College Writing Skills Development	In this course, you will develop academic essay writing and college-level English language skills. This course focuses on writing as a process, as well as analytical reading and critical thinking skills from a global perspective.	4
EAP	1280	Listening and Speaking for College Success	This class focuses on listening and speaking skills for college. You will refine note-taking skills of college lectures. You will also complete research for formal class presentations. In both lectures and presentations, global perspectives are highlighted. The course also reviews tone, register, rhythm, stress, and emphasis as critical elements in delivering a speech.	4
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.	Variable
ECON	1050	Economics of Crime	This course covers economics theories of crime and justice. Crime topics include: illegal drug markets, violent crime, nonviolent crime, and international crime. Economic theories and concepts such as rationality, efficiency, supply, and demand are used. The course includes international and historical comparisons of enforcement techniques from both an economic efficiency framework and an ethical perspective.	3
ECON	1060	Principles of Macroeconomics	This course covers mainstream theories, the economy's recent performance, national income and output levels, money and the banking system, inflation and unemployment, fiscal and monetary policies, economic growth, and international trade.	3
ECON	1070	Principles of Microeconomics	This course covers theories of consumer and producer behavior as well as market structure, the role of government in the economy, distribution of income, externalities, and taxes.	3
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.	Variable
EDUC	1200	Introduction to Education	This course will familiarize students with 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.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
EDUC	1280	Multicultural Education	This course is designed to help current and future educators acquire the knowledge and skills needed to become effective practitioners in culturally, racially, and linguistically, and gender diverse classrooms and schools. Students will engage in activities and actions that develop teacher identity and critically. They will demonstrate instructional approaches that build community and inspire and engage diverse learners. This course requires at least 10 hours of experience (e.g., service-learning hours, volunteer hours, etc.) in the K-12 setting outside of class meeting time.	3
EDUC	1300	Technology in Education	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.	3
EDUC	1350	Foundations in Teaching Literacy	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	3
EDUC	1400	Introduction to Special Education	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.	3
EDUC	1450	Educational Psychology	This course examines principles of educational psychology and the impact these principles have on teacher beliefs and instructional practice. Connections between child and adolescent cognitive, social/emotional, and moral development and principles of effective teaching are addressed. Relevant federal and state laws are discussed within the context of classroom instruction. Finally, students learn major characteristics of the exceptional learner and demonstrate alternative approaches in instruction to provide the least restrictive environment for learners with exceptional needs.	4
ENGL	0990	Gateway Composition	This composition course is for students who need a more intensive review of standard American written English (grammar, punctuation, and sentence structure) than English 1201 alone provides. The course also introduces the processes and strategies of essay writing from first thoughts through revision to the final, edited college-level essay. Prerequisite: College required assessment for placement OR prior successful completion of English 0900	2
ENGL	1001	College Writing I: Workshop	This composition course is a supportive class to be taken concurrently with English 1200, College Writing I. It focuses on the processes and strategies of essay writing from first thoughts through revision to the final, edited college-level essay in a very small group and individualized setting. The course goal is success in the attached, co-requisite section of English 1200, College Writing I.	1
ENGL	1002	College Writing II: Workshop	This course is a supportive class to be taken concurrently with English 1203, College Writing II. It focuses on the processes and strategies of argumentative research writing from exploration and curiosity to primary and secondary research to early drafts through extensive revisions and expansion to the final college-level term paper in a very individualized, small-group setting. It may also assist students who need a more intensive review of MLA format and citations (or other citation format, as appropriate) than English 1202 alone provides. The course goal is success in the attached, co-requisite section of English 1203, College Writing II.	1
ENGL	1140	Professional Writing	This course offers students the opportunity to improve their writing skills and adapt them for professional communication. Students will focus on assessing purpose, audience, credibility, style, clarity/correctness, and format to determine appropriate approaches to a range of written and electronic communication, including memos, letters, employment documents, and proposals/reports.	3
ENGL	1200	College Writing I with Workshop	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. Audience awareness, interpretation and analysis, logical reasoning, and persuasive and argumentative skills will be developed. MLA style documentation of primary and secondary sources will be included.	4
ENGL	1201	College Writing I	This class provides extended practice in critical reading, writing, and thinking skills. Students will develop an effective writing process and work to achieve college-level competence in reading and responding to texts, visuals, events, and ideas in a variety of written formats, with an emphasis on the academic essay. Audience awareness, interpretation and analysis, logical reasoning, and persuasive and argumentative skills will be developed. MLA style documentation of primary sources will be included.	4
ENGL	1202	College Writing II	This class focuses on the research process, textual analysis of primary and secondary sources, rhetorical strategies for argument and persuasion, and successful integration of sources into a longer academic paper utilizing MLA (or other, as appropriate) documentation format. The class may be disciplinary, interdisciplinary, or topical in content.	2
ENGL	1203	College Writing II with Workshop	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.	2
ENGL	1250	Magazine Workshop	This workshop offers students the opportunity to gain practical editorial experience by working on the college literary/arts magazine. As members of the editorial staff, students will solicit, select, and edit stories, essays and poems for publication. May be repeated for credit.	2
ENGL	1800	Introduction to Journalism	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.	3
ENGL	1900	Introduction to Creative Writing	This class is designed for students who want to try creative writing, perhaps for the first time, and learn more about the creative process. No previous creative writing experience is necessary. Coursework will include reading, writing, and discussion of both student and professional work in at least three of the following genres: fiction, poetry, creative nonfiction (or memoir), and drama. The focus of the class, students' creative work, will be presented and critiqued in a workshop environment.	3
ENGL	1940	Technical Writing	This course further develops writing skills as applied to technical subjects for a specialized or lay audience. Credit does not apply to the 40 MnTC (Minnesota Transfer Curriculum) credits required in the A.A. (Associate of Arts).	3
ENGL	1950	Graphic Novels	This course will introduce students to the diverse body of literature known as "graphic novels." While emphasis will be placed on works that are specifically considered graphic novels, it may also include the study of other comics-strips and books that have significantly contributed to the development of the form. Students can expect to be exposed not only to a wide range of graphic novel types, such as autobiography, journalism, history, humor, dramatic fiction, manga, and superheroes, but also to a deeper understanding of the methods of telling stories that are unique to comics.	3
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.	Variable
ENGL	2010	Writing Creative Non-Fiction and Memoir	This course offers beginning instruction in the art of writing creative non-fiction, which includes the personal essay, literary journalism, and other hybrid forms, as well as memoir writing. Students will read and analyze the work of professional writers, explore a variety of techniques for discovering material and topics, and experience workshop peer review of their work.	3
ENGL	2020	Writing Stories	This course offers beginning instruction in the art of writing fiction. Exploring techniques for generating material, engaging in writing exercises, and critically examining contemporary short fiction are important aspects of this course. Students will develop a portfolio of their writing and will critique others' work in a writing workshop environment.	3
ENGL	2030	Writing Poetry	Beginning instruction in the art of poetry. Exploring techniques for generating material, engaging in writing exercises both in and out of class, and discussing examples of contemporary poetry are important aspects of this class. Students will draft a collection of poems and critique others' work in a writing workshop environment.	3
ENGL	2150	Introduction to Literary Studies	This course is designed to introduce students to a variety of literatures and to means to credibly examine that literature. It thus includes literary terms, critical approaches and their application to literature.	3
ENGL	2250	Japanese Literature	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.	3
ENGL	2270	Modern American Literature	This course will introduce students to selected American writers of the twentieth and/or twenty-first centuries and their works. The course may be organized either by historic periods or topically.	3
ENGL	2300	Children's Literature	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.	3
ENGL	2320	Writing: From Structure to Style	This course focuses on the structure of language as well how its rules and applications affect written communication and authorial choices in professional and academic settings. The course further intends to create confidence in written and oral expression, to support students in business, graphic arts, paralegal, and other programs.	3
ENGL	2330	Hmong American Literature	Hmong American Literature explores the works of Hmong writers as represented in the novel, nonfiction, short stories, poetry, drama/film, and Paj Ntaub (stories recorded in tapestry). To a more limited extent, characterizations of Hmong in works by non-Hmong authors may be considered, as well as relevant works by Laotian American and Asian American writers.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
ENGL	2340	Nature in Literature	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.	3
ENGL	2350	Women and Literature	This course explores women as characters in and writers of literature, including fiction, non-fiction, drama and poetry. The course may also address issues of historical context, gender, class and race as a way of understanding women in literature.	3
ENGL	2360	Global Literary Perspectives	Students will interpret world literature and film (either in translation or originally written in English) that present culturally diverse voices and viewpoints. Special attention will be given to colonial and postcolonial literatures that reflect the immigrant communities of Twin Cities college campuses, such as Egyptian, Finnish, Ethiopian, Hmong, Icelandic, Iranian, Korean, Liberian, Mexican, Norwegian, Russian, Somali, Swedish, and Vietnamese.	3
ENGL	2370	African American Literature	This course introduces the student to the writings of African-Americans from the colonial period to the present and explores the contributions of these writers to American culture, letters, and life. The course may be organized either by historic periods or topically.	3
ENGL	2380	American Indian Literature	This course introduces the students to North American Native American Literature. Readings may include fiction, non-fiction, poetry, songs, mythology, and film from traditional and contemporary authors. Special attention may be given to Native American authors with Minnesota connections, such as Louise Erdrich, David Treuer, and Susan Power.	3
ENGL	2390	Work in American Literature	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.	3
ENGL	2400	Utopian/Dystopian Literature	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.	3
ENGL	2410	US Latinx and Latin American Literature	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.	3
ENGL	2450	Survey of American Literature I	This course will provide students with a chronological overview of American literature, including major writers, literary developments (e.g. sentimentalism, gothic fiction, romanticism, transcendentalism) and key historical and social contexts, from the pre-colonial period to 1860.	3
ENGL	2460	Survey of American Literature II	This course will provide students with a chronological overview of American literature, including major writers, literary movements (e.g. local color, realism, naturalism, modernism, and post-modernism) and social and historical contexts, from 1860 to the present.	3
ENGL	2500	Playwriting	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.	3
ENGL	2540	Introduction to Literary Studies: Reading Poetry	This course is a study of poetry: the reading and analysis of poetic works from a variety of time periods and cultures. Important figures, poetic traditions and movements, formal techniques, and other methods of evoking mood and meaning will be explored through discussion and in both written and oral projects throughout the semester.	3
ENGL	2550	Survey of British Literature I	This course covers the literature of Great Britain with its historical background from its beginnings to 1785. Chaucer, Shakespeare, Milton, Donne, and Swift, among others, are studied in this course.	3
ENGL	2560	Survey of British Literature II	This course covers the literature of Great Britain with its historical background from 1785 through the 20th century. The literature of the Romantic, Victorian, and Modern periods are studied in this course.	3
ENGL	2570	Introduction to Literary Studies: Reading Plays	This course is a survey of drama as literature; plays will be read as literary texts, not as the grounds for specific performances or performance practices. Through their engagements with the dramatic literature in this course, students will be introduced to a diversity of dramatic styles and themes. Attention will also be devoted to the social and cultural contexts in which the plays were written and in which they are read. Course materials may be organized either historically or topically.	3
ENGL	2580	Shakespeare's Plays	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.	3
ENGL	2590	Introduction to Literary Studies: American Short Story	The short story is a form that was created and refined by American writers of the 19th and 20th centuries. Students will study American short story writers, their stories, and their views of American life.	3
ENGL	2900	Fantasy Literature	This course will introduce students to fantasy as a literary genre. It will expose students to various types of fantasy stories (such as high fantasy, sword and sorcery, urban fantasy, and/or fantasy horror). It will also address how fantasy literature can reflect or comment on issues in the real world, including how various forms of bigotry can be challenged or normalized by fantasy texts.	3
ENGL	2950	Mystery and Detective Fiction	This course will introduce students to mystery and detective fiction as a literary genre and as popular literature, examining the conventions of suspense writing, possibly including hook, twist, red herring, back story, sub-plot, procedural, clues, and the ethical concerns of investigative methods and civic life. Discussion of various sub-genre styles will engage students in critical thinking applied to historical era, culturally diverse contexts, and gender roles in mystery writing.	3
ENGL	2960	Creative Writing Capstone Project	This course is intended for students who are in the Creative Writing AFA program and within a semester of completion. This capstone experience will focus on the writing and revision of a demonstrative portfolio of writing within a single genre, multiple genres, or blended genres (poetry, fiction, scriptwriting, and/or creative nonfiction). Students will work individually with faculty to develop and polish their writing for publication submission and movement toward further study and/or career options. Prerequisite: Engl 1900 Introduction to Creative Writing	1
ENGR	1000	Introduction to Engineering and Design	This course is designed for people interested in learning about the engineering profession. It provides an overview of the engineering disciplines. A project-based approach will be used to give experience in skills, tools, and problem-solving methods associated with completing engineering design solutions.	3
ENGR	1200	Engineering Graphics	This course is designed for people interested in mechanical, civil and aerospace engineering and the Bachelor of Construction Management degree. The student will learn to make AUTOCAD drawings in a Windows environment. The topics that will be covered include: drawing, editing, pan, zoom, view, laying, plotting, dimensioning, blocks, inquiry, purge, DXF, ZIP, UNZIP, XREF, and work in three dimensions. NOTE: Students who do not have access outside of class to computer hardware capable of running AutoCAD can access the program in the computer lab outside of class time.	3
ENGR	1990	Topics:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
ENGR	2201	Introduction to Digital Logic	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.	2
ENGR	2301	Statics	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.	3
ENGR	2302	Mechanics of Materials	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.	3
ENGR	2303	Dynamics	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.	3
ENGR	2340	Thermodynamics	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.	3
ENGR	2410	Circuit Analysis	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.	4
EXSC	1000	Physical Fitness	This course offers a dynamic approach to boosting both cardiovascular health and muscular strength by engaging in various training approaches. Participants will make use of cutting-edge strength training and cardiorespiratory equipment, tailored to their unique heart rate zones for optimal monitoring and effectiveness. An initial fitness assessment will establish a baseline for setting personal goals, while a concluding evaluation will highlight progress and identify ongoing focus areas. Additionally, the course will provide insights into maintaining a healthy lifestyle, aiming to integrate fitness and well-being into daily life for the long term.	1

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
EXSC	1010	Physical Fitness	This course offers a dynamic approach to boosting both cardiovascular health and muscular strength by engaging in various training approaches. Participants will make use of cutting-edge strength training and cardiorespiratory equipment, tailored to their unique heart rate zones for optimal monitoring and effectiveness. An initial fitness assessment will establish a baseline for setting personal goals, while a concluding evaluation will highlight progress and identify ongoing focus areas. Additionally, the course will provide insights into maintaining a healthy lifestyle, with the ultimate aim of integrating fitness and well-being into daily life for the long term.	2
EXSC	1020	Adult Fitness	This course explores the five main components of fitness and guides students in setting and working toward achievable, personalized fitness goals. Emphasizing practical application, students will utilize fitness and wellness apps, online tools, and other technologies to track and document their workouts and fitness progress. The course provides a hands-on approach to developing sustainable fitness habits and promoting overall wellness. NOTE: Students are required to actively participate in weekly workouts throughout the semester as part of the course requirements to earn credit.	2
EXSC	1041	Volleyball	This course provides comprehensive instruction and practice in the fundamental skills of the sport of volleyball through dynamic drills, game play, and team-building activities. Students will explore the history, rules, terminology, strategies, and techniques essential for success in recreational and competitive volleyball settings. NOTE: As part of this course, students are expected to actively participate in playing volleyball during scheduled class sessions. Participation includes engaging in drills, practice activities, and game play designed to develop skills, understanding of the game, and teamwork. Appropriate athletic attire and a willingness to engage in physical activity are required to ensure a positive and safe learning experience for all.	1
EXSC	1050	Weight Training	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.	1
EXSC	1060	Advanced Weight Training	Advanced Weight Training is designed to enhance students' knowledge, skills, and understanding of advanced weight training principles and techniques. Emphasizing proper form, program design, and progressive training methods, this course provides students with the tools to optimize physical fitness, performance, and long-term health and wellness. NOTE: Students are required to actively participate in weekly workouts during scheduled class times as part of the course requirements to earn credit.	2
EXSC	1140	Recreational Games	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.	1
EXSC	1240	Rock Climbing	Rock Climbing is a beginning-level class. It is designed to introduce the basics of indoor top-rope climbing to students. Students will learn knot tying, belaying, climbing commands, and gear management. Students will also learn the skills necessary in order to maximize their climbing performance by learning balance, footwork and body position. Emphasis will be placed on making climbing a safe and enjoyable activity. (Additional fee for this course)	1
EXSC	1250	Wellness for Life	This course is designed to investigate the implications of exercise, diet, nutrition, stress, and physical activity in the total health, wellness, and fitness of the individual.	3
EXSC	1410	Jogging/Running	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	1
EXSC	1460	Fitness Walking	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.	2
EXSC	1470	Bicycling	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.	1
EXSC	1500	Foundations of Exercise Science	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.	3
EXSC	1530	Tactical Strength and Conditioning	This course is designed specifically for the tactical athlete (military, peace/public safety officers, 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. NOTE: Students are required to actively participate in weekly workouts during scheduled class times as part of the course requirements to earn credit.	2
EXSC	1640	Outdoor Activity Sampler	This course provides instruction, skill development, and hands-on experience in a variety of outdoor activities designed to promote lifelong engagement with the outdoors. Activities may include, but aren't limited to canoeing, kayaking, stand-up paddle boarding, orienteering, archery, fishing, rock climbing, adventure ropes courses, hiking, camping, foraging for edible plants, and outdoor cooking. Students will explore foundational skills for outdoor recreation, emphasizing safety, environmental stewardship, and the physical and mental health benefits of outdoor activities. This course encourages students to discover new interests and develop confidence in pursuing outdoor adventures beyond the classroom. NOTE: Students are expected to meet both on campus and at various off-campus outdoor recreation locations to participate in the hands-on experiences required for this course.	1
EXSC	1740	Hiking	This course introduces the outdoor activity of hiking and emphasizes connecting with nature through local parks and trails within the Twin Cities area. This course places an emphasis on hiking planning, navigation, and physical fitness, along with key topics such as environmental stewardship, Leave No Trace (LNT) principles, and personal health and safety. Students will learn to select appropriate footwear and clothing for various terrains, prepare for daylong hikes, and develop skills to confidently and responsibly enjoy the outdoors. NOTE: Students are expected to actively participate in weekly hiking activities on non-paved trails at various local parks as a part of this course. Hikes are designed to provide hands-on experience, improve physical fitness, and deepen understanding of course concepts. Please be prepared to engage in outdoor hiking under a range of conditions to fully immerse yourself in this dynamic learning experience.	1
EXSC	1750	Yoga	Yoga offers a comprehensive approach to enhancing physical and mental well-being. Through a variety of exercises, movements, and poses, students will improve mobility, flexibility, balance, and muscle strength. Emphasis is placed on engaging underused and opposing muscle groups to promote overall physical wellness and improve quality of life. The course also explores the connection between mind and body, introducing mindfulness practices and techniques to enhance mental focus, stress management, and self-awareness. Note: Students are required to actively participate in weekly yoga practices as part of the course requirements to earn credit.	1
EXSC	1760	Introduction to Kayaking and Canoeing	This course is designed for the beginner in both kayaking and canoeing. Students will be guided through the fundamental aspects of entering and exiting kayaks and canoes with ease and safety. Essential paddling strokes necessary for navigating lakes and slow-moving rivers will also be practiced. A key focus of the course is on safety, thus the 5 Ws of paddling (weather, wind, water, waves, and wellbeing) will also be discussed. The primary objective of this course is to equip participants with the foundational skills and knowledge necessary for paddling both canoes and kayaks, ensuring they can engage in these activities safely, not only during the course but also in their future adventures. Through comprehensive instruction in essential techniques and safety protocols, this course aims to foster a confident and informed paddling community, prepared to explore waterways with respect for safety and a passion for the sport.	1

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
EXSC	1900	Worldwide Fitness and Wellness Trends	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.	1
EXSC	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
EXSC	2010	Essentials of Exercise Science	This course provides an in-depth look into topics such as the acute and chronic physiological and psychological responses to exercise, exercise anatomy, exercise metabolism, and how the nervous, skeletal, muscular and endocrine systems respond during exercise. (3 hours lecture) Prerequisite: Placement into Engl 1201 It is strongly recommended that students in the Personal Training Certificate program take EXSC 2010 and EXSC 2100 at the same time in order to sit for the NASM-CPT exam.	3
EXSC	2100	Concepts of Training	This course will allow students to research, explore, discuss, and compare different training strategies based on empirical research that are designed to improve health, wellness, and performance, and to modify lifestyle behaviors. Students will comprehend how and when to apply each training method upon distinguishing individual needs and wants of different persons while adhering to current training guidelines, principles of training, and current accepted Exercise Science training theories. In order to sit for the NASM-CPT exam, it is strongly recommended that students register for both 2010 and 2100 at the same time.	3
EXSC	2110	Advanced Fitness Assessment & Exercise Prescription	This course is designed to 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.	3
EXSC	2150	Science and Practice of Strength and Conditioning	This course equips students with the knowledge and skills necessary to work with athletes in the strength and conditioning profession. The course integrates theoretical knowledge with practical application ensuring students not only comprehend the science behind athletic performance, but also gain hands-on coaching skills necessary to be effective in the field. Students will gain proficiency in advanced movements, design sport and position specific training programs, utilize cutting-edge sport science tools, and coach various speed, agility, and quickness techniques. *Note: This course is intended for students pursuing the Personal Training certificate.	3
EXSC	2270	Essentials of Sport & Exercise Nutrition	This course explores the scientific foundation of sports and exercise nutrition, building upon foundational nutritional concepts. Students will examine and interpret macronutrient needs and recommendations to optimize athletic performance, including pre-, during, and post-exercise fueling strategies. Key topics include energy expenditure during resistance and cardiovascular exercise, dietary considerations during training, timing and composition of competition related fueling, the role of nutritional supplements, and the unique nutritional needs of various athletic groups. The course provides practical and scientifically based information for those entering the exercise science field, competitive athletes, and individuals of all ages wishing to integrate nutrition into active lifestyles and enhancing physical performance.	3
EXSC	2490	Kinesiology	Course Content includes study of human movement and the muscular system. Skeletal and major muscular systems will be studied in detail in order to better understand how human movement is produced. Students will anatomically analyze movements and be introduced to the concepts of biomechanics. (3 hours lecture, 3 hours lab) Prerequisites: EXSC 2010 - Essentials of Exercise Science (Minimum grade: 1.67 GPA Equivalent)	4
FYE	1020	First Year Experience: How to College	This course provides students with academic and social interactions in order to make a successful transition through college. 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, analyzing current beliefs about college, and creating a learning plan that incorporates the use of study skills that will foster success.	2
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.	Variable
GCST	1030	Introduction to Japanese Culture	This course is an introduction to and interdisciplinary exploration of Japanese culture. Through the study of Japanese humanities and fine arts, people and the environment, students will identify what makes Japanese Culture so unique and how the Japanese Mind/Spirit (nihon no kokoro) and their connection to the environment and other non-human species has shaped Japanese society from days of old to the present.	3
GCST	1040	American Indian Culture - Indigenous Peoples of Minnesota	This American Indian cultural course will provide students with an overview, past and present, of the cultures of Indigenous Peoples of Minnesota, including music, dance, art, the oral story telling tradition and the American Indian connection with the environment and other non-human species. Students will also analyze how these vibrant cultures have survived oppression and genocide, and continue to thrive. Through exploring this living culture, students will gain understanding of Indigenous Peoples strong connection with, and stewardship of, the environment, learn about an important aspect of human and global diversity, and our interconnectedness with each other and our environment.	3
GCST	1211	The History, Philosophy, and Practice of Traditional Aikido	Join in an interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. Realize how Aikidos unique history, philosophy, and technique can be integrated into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society. Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build health, respect and responsibility through mental and physical discipline. Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements.	3
GCST	1212	The History, Philosophy and Practice of Traditional Aikido	This course is a continuation of the interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. It will include further study of Aikidos unique history, philosophy, and the next level of techniques, integrating what is learned into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society. Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build health, respect and responsibility through mental and physical discipline. Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements.	3
GCST	1213	The History, Philosophy, and Practice of Traditional Aikido	This course is a continuation of the interdisciplinary exploration of the Japanese martial art Aikido through mental and physical practice. It will include further study of Aikidos unique history, philosophy, and the next level of technique, integrating what is learned into everyday living to strengthen mind and body, appreciate nature, respect others, build positive relations, and contribute to society. Definition: Aikido is a traditional Japanese martial art. Its system includes hand-to-hand, sword, and staff techniques. Aikido principles are based on harmonizing mind and body with a partners attack. People of all ages, sizes, and abilities can practice it. There are no tournaments or competitions. Its purpose is to build sincere people through mental and physical discipline. Note: Aikido is a hands-on martial art and will be instructed and conducted authentically; therefore, bowing, physical contact, and training with the opposite gender are absolute requirements of this course. Additionally, this course is an elective course in Interdisciplinary Studies fulfilling the MnTC Goal Areas 8 & 9. It will not count toward any HEALTH OR PE requirements.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
GCST	1220	Practical Applications of Traditional Aikido	This course uses Traditional Aikido (a Japanese martial art) in order to help the student gain skills both on and off the mat, applying them to his or her profession and daily life. The student will research, study, and practice real-life scenarios and situations of de-escalation, protection, compliance, and restraint- maximizing safety, focus, awareness, and control. Aikido is a life-giving tool. This class appeals to the beginner and experienced Aikido student. It is ideal for Criminal Justice, Emergency Medical Services (EMS), Military, and Security jobs as well as other service professions. *Note: This course is an elective course in Global and Cultural Studies fulfilling the MnTC Goal Areas 7 & 8. It will not count toward any HEALTH OR PE requirements.	2
GCST	1301	Introduction to Ethnic Studies	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.	3
GCST	1320	Community Organizing I	The focus of this course will be developing leadership skills through community organizing and empowering students to make lasting changes at the college, in their own communities and the world. Students will examine past and present social movements with a special focus on organizing in communities of color. This course will also explore the contemporary meanings of community in the United States. Students will learn to identify the leader within by examining the relationship between community and citizenship. This course will also focus on issues of diversity and sustainable communities with the practical application of active leadership techniques and creative organizing on our campus. This could include aspects of the annual Earth Week Program such as Marketing, PR, Event Planning, Budgeting, Community Partnerships, Cross Campus and Cross cultural collaborations, and curriculum integration.	3
GCST	1350	Immigration and Society	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 society, including race and ethnicity. This course will not substitute for the PLEG 1610 (Immigration Law elective in the Paralegal A.S./Certificate.)	3
GCST	1380	Personal Story Telling	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.	2
GCST	1490	Dave Larsen American Indian Immersion Experience	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.	4
GCST	1700	Foundations of Racial Justice	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.	3
GCST	1964	African American Civil Rights Immersion Experience	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.	4
GCST	1970	Environmental Justice and Nature Immersion Experience	This course, a collaborative partnership with YMCA Camp Northern Lights, will focus on environmental justice and equity, access, and inclusion in nature and outdoor spaces movements in Minnesota, the US, and beyond. Students will explore these communities' efforts to protect and preserve our natural spaces for current and future generations, while also breaking down barriers to ensure equitable access, participation, and inclusion of all cultural and ethnic groups. The course will have a particular focus on contemporary environmental justice issues, such as water quality, proposed pipelines through Minnesota tribal lands, food insecurity, and access for BIPOC and other marginalized groups to nature and outdoor spaces. This course is designed to provide a hands-on immersive experience that will expose students to the events, places, peoples, systems and organizations throughout Minnesota that have helped shape current environmental justice policies, action, and activism, as well as connections with national and international environmental justice organizations, such as Wild Path Farm, the Sierra Club, Honor the Earth, the Sierra Leone Foundation for a New Democracy, Friends of the Boundary Waters, MN350, and the Three Rivers Park District. The course challenges participants to assess and critique issues such as political power, racism, colonization and segregation, activism, access to resources, and our relationship with this land through diverse cultural lenses. Students will be encouraged to explore these issues through their own cultural heritage, while being exposed to the beliefs, traditions, and value systems of others. This course includes 8 weeks of in-class participation and an off-campus expeditions. No overnight experience in Fall 2025.	4
GCST	1978	American Indian Cultural Expression	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.	3
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.	Variable
GCST	2000	Theories of Race and Ethnicity	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.	3
GCST	2010	DEI Internship	This is an experiential course for studying Diversity Equity & Inclusion individualized study programs, or study geared toward a DEI certificate. It includes practical, on-the-job training in business infusion of DEI principles.	4
GCST	2017	Outdoor Leadership Internship	This internship course is part of the Outdoor and Environmental Leadership program, allowing students to gain personal and practical experience in various areas of the environmental education field. The course is for students studying Outdoor and Environmental Leadership and seeking internship and outdoor leadership experience with an outdoor organization. The course includes hands-on experience and training with local outdoor organizations such as Three Rivers, YMCA of the North, Wilderness Inquiry, the DNR, the International Wolf Center, Friends of the Boundary Waters, and tribal organizations.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
GCST	2025	DEI Research	Congratulations on reaching the final course in your DEI journey! This capstone course will challenge you to apply the competencies you have been practicing during your DEI Certification while also practicing self-leadership. The course involves a review of data sets, analysis and recommendations for a specific DEI challenge. The course is not a field experience where an initiative or human subjects research is conducted. Instead, you will search in the NHCC Library for a DEI problem that you are interested in with plenty of authoritative literature available. Then you will read about your problem to explore how industry experts have addressed it. As the course progresses, you will summarize data that relates to your problem, analyze the data, and make evidence-based recommendations from your library research. The final project will be a succinct overview of the problem, factors that relate to the problem, data from literature, your analysis and recommendations. The final project will reflect your ability to identify a DEI problem, analyze data, and make recommendations for solving the problem. The project will demonstrate your critical thinking skills and should serve as a solid addition to your ePortfolio. This is an exciting time for you to explore a topic of your preference and one that contributes to your future career interests from a DEI framework.	4
GCST	2065	Diversity, Equity, and Inclusion	The Diversity, Equity, and Inclusion class is designed for participants to increase their knowledge and skills necessary to apply strategies for enhancing diversity, equity, and inclusion in their professional practices and personal lives. The Diversity, Equity, and Inclusion Curriculum will address foundational concepts such as social determinants of health, education and introduction to the penal system. Strategies for recognizing unconscious bias, cultural competency, intersectionality, and gender equality will be explored. Upon completion of the class, learners should be able to apply strategies to counteract racism within education and business, create an affirming environment, implement a diversity, equity, and inclusion strategic plan.	3
GCST	2250	Japanese Literature	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.	3
GCST	2320	Leadership through Social Change	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	3
GCST	2410	US Latinx and Latin American Literature	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.	3
GCST	2970	Outdoor Experiential Program Leadership	Building on the foundational work of GCST 1970, this project-based course, a collaboration with YMCA Camp Northern Lights, focuses on developing culturally relevant facilitation and leadership skills through participation and engagement in an outdoor, nature-based experiential learning program. This 5-day outdoor, experiential program will take place at YMCA Camp Northern Lights, Baker Reserve, or a similar outdoor learning facility. Students will explore and critique both the theory and application of experiential learning models through an indigenous lens, such as Kolb's learning cycle, and outdoor program principles such as Challenge by Choice, Leave No Trace and Zero Waste, as they plan, organize and implement all aspects of the GCST 1970 immersion program, including relationship-building with student participants, community partners and community members, including local tribal nations such as Bois Forte, developing their relationship with and connection to outdoor spaces, exploring environmental justice issues through diverse cultural lenses and indigenous world views, marketing and PR for the program and program-related events, culturally relevant and appropriate outdoor programming, and the grant-writing and reporting process. Students will understand the power dynamics that have created the outdoor adventure gap for BIPOC people in Minnesota and beyond and, through real-world problem-solving, project-based research and hands-on learning, will design and implement strategies for eliminating this gap.	4
GEOG	1010	Physical Geography	This course will provide an introduction to the physical processes that are at work at all times on the surface of the earth. This course provides an introduction to the processes that influence the lithosphere, atmosphere, hydrosphere and biosphere. Topics covered include earthquakes, volcanoes, tornadoes, blizzards, winds, precipitation, the Hydrological Cycle, vegetation and soil. This course includes a basic understanding of how these systems interact and how the physical landscape interacts with the human landscape. Included in this will be discussions about environmental concerns such as acid precipitation, ozone depletion, soil degradation, desertification and rainforest destruction. This course includes lab-like coursework/exams that will enhance a student's ability to make observations, form questions, pose hypotheses, make predictions and critically evaluate scientific data and results.	3
GEOG	1020	United States Geography	This course focuses on the cultural and historical landscapes of structural racism in the United States. It broadly examines U.S. federal, state, and local public policies that have entrenched prejudice in law and social interactions and opportunities. Topics include but are not limited to slavery, the freedom of movement, U.S. land settlement, segregation, Jim Crow policing, redlining, urban renewal, cultures of poverty, higher education, public housing, the War on Poverty, the War on Drugs, and racial profiling among others. Essential to this examination is a comparative review of the contemporary American geographies of jurisprudence, race and ethnicity, poverty, urban development, displacement, equitability, social and economic opportunity, and racial justice.	3
GEOG	1040	Human Geography	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.	3
GEOG	1100	World Geography	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.	3
GEOG	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3
GWS	1501	Introduction to Gender and Women's Studies	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.	3
GWS	1502	Human Trafficking	This course will explore human trafficking from a feminist perspective. We will analyze the behavior of traffickers and the ways this crime affects our global economy. Students will gain an overall understanding of modern-day slavery and the issues we face regarding this crime.	3
GWS	1503	Analyzing Gender Identities	This course offers students the opportunity to explore the origins of gender identity. We will examine cultural assumptions about gender in the United States. We will also identify political and historical influences on our definitions and expectations about gender.	3
GWS	1505	War and Gender	This course investigates the ways gender and war shape one another. We will discuss the ways individuals have exercised agency in unequal power structures during armed conflict. We will examine the ways marginalized genders have been excluded in written history regarding war and military conflict.	3
GWS	1509	Global Feminism	This course will introduce students to issues related to feminism around the world. We will analyze gender inequality cross-culturally. We will also examine efforts to accomplish social justice for women and girls worldwide.	3
HIST	1010	World History: Origins to 1300	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.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
HIST	1020	World History: 1300 to Present	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.	3
HIST	1110	History of Western Civilization Pre 1550	"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.	3
HIST	1120	History of Western Civilization 1550 to Present	"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.	3
HIST	1200	History of United States Through 1877	This course explores the formative events and ideas that shaped the United States from the colonial era through Reconstruction. We examine the ideological origins of the American Revolution, the challenges facing the new republic (both domestically and internationally), the contradictions between the ideals of liberty and the institution of slavery, and the violent rejection of Reconstruction after the Civil War. We engage with primary sources and diverse historical interpretations to develop our own perspectives on the past. We strongly encourage students to complete College Writing or the equivalent before taking this course.	3
HIST	1210	History of the United States Since 1877	This course focuses on the major social and cultural issues in United States history from the late nineteenth century Gilded Age through the end of the twentieth century. We look at the influence of the industrial revolution, the impact of increasing levels of European and Asian immigration, the rise of organized labor, the Great Depression, the Cold War, the impact of United States foreign policy, and countercultural movements. The student will gain insight into the aspects that are most crucial for a solid understanding of the nation's history.	3
HIST	1230	U.S. Labor History	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.	3
HIST	1270	Race in America	This course investigates the role played by race in the shaping of United States history. We examine the concept of race and the historical relationships in America between those of African, Asian, European, and Native descents. We will examine Reconstruction, the Civil Rights Movement and current racial issues. The goal is to broaden student understanding of United States history by a focused study of its multi-faceted racial relationships throughout the centuries.	3
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.	Variable
HIST	2500	World Regional History	This course will examine focused world regions in specific time periods, providing students with the opportunity for an in-depth study of specific societies and cultures from around the world. The course may be repeated for credit for different world regions. We recommend that students complete history prerequisite courses that focus on developing historical arguments.	3
HIST	2700	History and Popular Culture	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 complete a 1000-level history course prior to enrolling in this course.	3
HIST	2900	Applied History	Want to be a real historian? In this experiential learning course, you'll use the tools and techniques historians use to uncover and tell compelling stories about the past. You'll work with archival material, conduct oral history interviews, and use digital tools to bring history to life. Through the service-learning component, you'll gain real-world experience preserving historical artifacts and documents. You'll improve research and writing skills as you work with faculty to craft your own original historical research and present it in multiple formats. Previous coursework in history and college-level writing required.	3
HLTH	1010	Health Terminology	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.	3
HLTH	1030	Personal and Community Health	Personal and Community Health addresses itself to the needs and issues of the individual as related to current health matters in today's society. Our life style and modern society both contribute and detract from the holistic health concept. This class will assist the student in developing a plan for achieving and maintaining his/her personal health.	3
HLTH	1050	Stress Management	Stress is one of the most commonly referred to, but least understood, of all health problems. This class is designed to examine the differences between stress and personal challenges with an emphasis on the importance of the role of perception in distinguishing between the two. This course will also examine the many common sources of stress for most people and practice strategies for managing these stressors. The students will also discover how to control their stress instead of letting their stress control them.	3
HLTH	1060	Drugs and Health	This course examines how drugs will relate with and affect holistic health, with a focus on the physiological, sociological and psychological effects these drugs may have on an individual and their relationships. The emphasis of this course is on the basic tools and information needed to understand and interact with individuals who may have problems with chemicals. It is designed to provide current information regarding the various drugs in society today.	3
HLTH	1070	Nutrition	This course is designed to introduce the student to the fundamental truths of nutrition principles, health promotion and disease prevention throughout life. Topics include, in part, the study of carbohydrates, fats, protein, vitamins, and minerals and their function and role in healthy living. It will provide introductory nutritional information for career paths in nursing and other similar fields of study.	3
HLTH	1080	Consumer Health	This course examines current consumer health issues in society. Class content will include the examination of health care products, the food and drug industry, and our ability to create a safe living environment. This course will also include plans of action that we, as a society, can take to become better health consumers.	3
HLTH	1250	Wellness for Life	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.	3
HLTH	1600	Emergency Medical Responder	The course provides training in emergency medical care for persons who are apt to be responding to accidents. The course emphasizes the development of skills in patient assessment and emergency medical procedures. The goal is to prepare you for work in the emergency medical arena as a first responder. The course will provide you with the information needed to make competent decisions regarding medical and trauma patients.	3
HLTH	1900	Healthy Sexuality	Healthy Sexuality will examine how the dimensions of wellness--physical, intellectual, emotional, social, spiritual, environmental and occupational-- influence our sexual health. It is also the intention of this class to show how healthy expressions of sexuality can improve one's overall wellness.	3
HLTH	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable
HLTH	2020	Introduction to Health	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.	3
HLTH	2030	Global Health	This course examines the historical context of global health and emerging global health priorities, including infectious diseases, poverty, health inequity, health care systems and major global initiatives for disease prevention and health promotion.	3
HLTH	2040	Foundations and Theory in Health	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.	3
HLTH	2070	Socio-Cultural Aspects of Nutrition	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, epazote, plantains, miso, and mung beans from the various regions studied.	3
HLTH	2080	Environmental Health	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.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
HLTH	2090	Life Cycle Nutrition	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.	3
HONR	1000	Honors Seminar	The Honors Seminar is an in-depth exploration of a specific topic using various avenues or techniques of inquiry. The topics will cover a wide variety of issues based on faculty expertise and interest. Students must be members of the Honors Program, members of Phi Theta Kappa, have a minimum cumulative GPA of 3.5, or have instructor permission.	1
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.	Variable
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.	Variable
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.	Variable
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, 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.	Variable
HONR	2900	Honors Capstone	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.	1
HSER	1100	Introduction to Human Services and Social Work	This course introduces students to the field of Human Services and the profession of Social Work. Course describes history, worker roles, and current career trends in the field. Students are required to participate in hands-on experience through service learning.	3
HSER	1200	Multicultural Awareness in Human Services	This class examines attitudes and enhances knowledge and skills that are necessary to work effectively with culturally diverse populations in the human services field. Students will explore their own and other's cultural identities, values, attitudes, and behaviors. Adjusting services to the multicultural needs of individuals who are served will be emphasized. 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	3
HSER	1300	Crisis Assessment and Intervention	Presents basic concepts of crisis assessment, intervention, and referral. The application of strategies and techniques with a discussion of intervention, assessment, and referral models is included. An overview of interventions for specific crisis will be reviewed. An assessment model for making appropriate referrals is presented.	3
HSER	1400	Basic Interviewing Skills	Introduces basic counseling and interviewing skills. Students will learn and apply skills that range from basic attending and listening skills to chart documentation and treatment planning.	3
HSER	1500	Group Processes	Focuses on the development of communication skills and self-awareness important in the roles of group membership and leadership. Provides an understanding of the evolution and function of therapeutic groups. Emphasizes the development of knowledge and skills. Prerequisites: HSER 1100, HSER 1200 and HSER 1400	3
HSER	1610	Professionalism in Human Services	This course introduces the concepts of developing professional skills needed in the Human Services workforce such as time management, organization, record keeping, and problem solving. Students will develop an understanding of the importance of using professional verbal and non-verbal communication in Human Services along with the value of transferrable skills in the workplace. The course emphasizes the need for burnout prevention through self-care, boundary setting, and using ethical guidelines when working in the helping profession.	2
HSER	1700	Family Functions and Interactions	The course offers an introduction to family systems theory, normal and problematic family systems and family functioning concepts. The impact and effects of family on individual development is also explored. Students will examine family violence including the impact of chemical dependency, social and the psychological roots of violence.	3
HSER	1800	Mental Health Awareness in Human Services	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.	3
HSER	1900	Current Human Services Topics	This course examines current topics and issues specific to the field of Human Services. Students will take an active role in the research and presentation of topics in the course.	3
HSER	2100	Human Services Seminar	The course provides an opportunity for human services students to create and implement projects for the development of personal knowledge and skill using a seminar approach. Students should be aware that a Minnesota Department of Human Services background study and fingerprinting is required. Co-requisite required: HSER 2101 Human Services Internship.	1
HSER	2101	Human Services Internship	This course is a capstone off-campus experiential-learning component for the Human Services program. Students will spend 120 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. Permission is required from instructor to register.	3
MATH	0801	Math Foundations	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 and is not eligible for Financial Aid.	1
MATH	0900	Mathematical Literacy	In this course, students will develop the necessary mathematical reasoning skills to succeed in a wide variety of college-level courses, including Math 1010, 1031, 1130, 1140 and other courses outside the math department. Students will solve realistic, interesting problems incorporating numeracy, proportional reasoning, algebraic reasoning, and functions. Students will be expected to use mathematical terminology appropriately in written communication. Additional coursework may be required for students pursuing a STEM degree. Prerequisites: Placement test or successful completion of Math 0800 or Math 0801	5
MATH	0911	Statistics Support	This course focuses on the skills and concepts needed to be successful in Statistics. It is designed to be taken at the same time as MATH 1111: Gateway Statistics and will provide extra support on challenging topics.	2
MATH	0920	College Algebra Support	This course focuses on the skills and concepts needed to be successful in College Algebra. It is designed to be taken at the same time as Math 1120: College Algebra and will provide extra support on challenging topics.	2
MATH	0970	Bridge to College Algebra	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.	2
MATH	0980	Pre College Algebra	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.	5
MATH	0999	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	Variable

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
MATH	1010	Survey of Mathematics	Designed for the liberal arts student, this course explores the diversity of math and is focused on developing quantitative skill and reasoning ability. Topics are chosen by the instructor and may include but are not limited to: logic, problem solving, and data analysis, mathematics of social choice, geometry, financial mathematics, infinity, topology, and probability. Prerequisites: College math placement level or successful completion of Math 0900 or 0902 or 0980 or 1031 or 1130 or 1140 with grade of "C" or better. 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.	3
MATH	1031	Math for Elementary Education I	This is the first of a two-course sequence designed for prospective elementary education majors. Students will develop a deep understanding of elementary mathematics and the ability to effectively communicate mathematical ideas. The course focuses on heuristics for mathematical problem solving in the contexts of place value and number systems; operations with whole numbers, integers, fractions, and decimals; and rates, ratios, proportions, and percentages.	3
MATH	1032	Math for Elementary Education II	This is the second of a two-course sequence designed for prospective elementary education majors. Students will develop a deep understanding of elementary mathematics and the ability to effectively communicate mathematical ideas. The course focuses on heuristics for mathematical problem solving and reasoning in the contexts of geometry, measurement, probability, and statistics. Prerequisites: Successful completion of Math 1031 with grade of "C" or better.	3
MATH	1111	Gateway Statistics	This class is designed for students who will benefit from more time and additional support to learn the content. It is designed to be taken at the same time as MATH 911: Statistics Support. 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. Students who have successfully completed Math 1130: Elementary Statistics do not need to take Math 1111: Gateway Statistics.	3
MATH	1120	College Algebra	This class is designed for people who will benefit from more time and additional support to learn the content. It is designed to be taken at the same time as Math 920: College Algebra Support. In this course students learn mathematical tools relevant to business, natural science, and social science. Topics include solving linear, quadratic, and exponential equations; solving systems of linear equations; constructing and graphing linear, quadratic, and exponential functions; and applying a variety of mathematical models to understand real situations. This course is for students who don't intend to take Math 1221: Calculus I, but whose program requires College Algebra. Students who intend to take Calculus should take Math 1171: Precalculus I instead. This course is not a prerequisite for Math 1172.	3
MATH	1130	Elementary Statistics	This is an introductory course in descriptive statistics, probability, random variables, and inferential statistics. Topics include exploratory data analysis, measures of central tendency 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.	3
MATH	1140	Finite Mathematics	This course is designed primarily for the non-science major. Several business and financial applications are covered. These applications may include systems of equations, linear programming (maximizing profit, minimizing cost), the interdependence of different sectors in an economy, and interest rates as they pertain to credit cards, short-term loans, and mortgages. Although some computer applications may be included, no prior experience is necessary. Additional topics may include: introductory statistics and probability, combinatorics (the number of ways of arranging objects), game theory, coding, and Markov chains (multi-step games/decisions). Prerequisite: Placement into Math 902 or successful completion of Math 0900 or 0901 or 0980 or 1010 or 1031 or 1130 with grade of "C" or better. 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.	3
MATH	1150	College Algebra	In this course students learn mathematical tools relevant to business, natural science, and social science. Topics include solving linear, quadratic, and exponential equations; solving systems of linear equations; constructing and graphing linear, quadratic, and exponential functions; and applying a variety of mathematical models to understand real situations. This course is for students who don't intend to take Math 1221: Calculus I, but whose program requires College Algebra. Students who intend to take Calculus should take Math 1171: Precalculus I instead. This course is not a prerequisite for Math 1172.	3
MATH	1170	Pre-Calculus	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	4
MATH	1171	Pre-Calculus I	This class prepares students for Calculus I (Math 1221) when taken in sequence with Pre-Calculus II (Math 1172). Topics include functions, transformations of graphs, algebra of functions, inverse functions, conic sections, nonlinear system of equations, and a thorough treatment of polynomial, rational, inverse, exponential, and logarithmic functions and their applications.	4
MATH	1172	Pre-Calculus II	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, vector algebra and applications, and sequences and series.	4
MATH	1180	College Algebra and Pre-Calculus	This course is a very accelerated combination of Math 1150 and 1170 in one semester. It is recommended for strong students or can be used also as a refresher course for students who have successfully completed those two courses in the past. Topics include polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric functions, vectors, conic sections, and sequences and series. Additional topics may include polar coordinates or parametric equations.	5
MATH	1210	Applied Statistics	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.	4
MATH	1221	Calculus I	This course is a thorough treatment of differentiation and an introduction to integration. Topics include the definition of derivative, limits and continuity, differentiation, applications of the derivative, definite and indefinite integrals, the Fundamental Theorem of Calculus, techniques of integration, and applications of integration. Prerequisites: College math placement level or successful completion of Math 1170 or Math 1180 with grade of "C" or better	5
MATH	1222	Calculus II	This course is the second course in single variable calculus. We continue the study of integral calculus with techniques of integration, improper integrals, numerical integration, and applications of integration. Infinite sequences and series are introduced and studied in detail, including convergence testing and power series. The course includes the study of parametric equations and polar coordinates and an introduction to differential equations.	5
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.	Variable
MATH	2000	Discrete Mathematical Structures	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.	4
MATH	2011	Probability and Statistics	This is a calculus-based first course in the study of probability and statistics. Topics include descriptive statistics and statistical graphs, probability theories, random variables (discrete, continuous, and joint), statistical intervals, hypothesis testing, two-sample inference, and regression (linear and multiple). Additional topics may include analysis of categorical data, analysis of variance, control charts, and Bayesian method.	4
MATH	2220	Calculus III	Topics in this course include solid analytic geometry, vectors in space, scalar and vector products, vector functions and derivatives/integrals, multi-variable functions, partial derivatives, alternative coordinate systems, and double and triple integrals. The geometry of space curves, line and surface integrals, curl and gradient divergence, and Stokes' theorem are also included. Emphasis will be on learning relevant mathematical methods. Prerequisites: Successful completion of Math 1222 with a grade of "C" or better	5
MATH	2300	Linear Algebra	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.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
MATH	2400	Differential Equations	The content of this course covers first and second ordinary differential equations with applications, higher order linear equations, constant coefficients, differential operators, variation of parameters, power series methods, Laplace transforms, and solving systems of differential equations. The student will also be introduced to numerical methods for solving differential equations.	4
MLT	1000	Clinical Laboratory Basics	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.	1
MLT	1100	Clinical Urinalysis/Body Fluids	This course is designed to develop working knowledge of urinalysis and body fluid procedures and concepts. It will include urine formation, anatomy and physiology of the kidney, the role of the kidney in health and disease, urine specimen types and collection processes, components of routine urinalysis testing including physical, chemical, and microscopic properties, and clinical correlation of urinalysis lab results. Other body fluids commonly analyzed in the clinical lab will also be discussed. The laboratory component will involve urinalysis routine testing including microscopic exam as well as body fluid routine testing including hemacytometer testing and body fluid differentials.	2
MLT	1200	Clinical Laboratory Instrumentation	This course will introduce the student to the basic operation and associated functions related to selected laboratory instruments and equipment. 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.	1
MLT	1250	Clinical Immunology	This course introduces students to the basic elements and theory of immunology. It includes discussion of non-specific immunity, autoimmune disease, hypersensitivity reactions, antibody/antigen reactions, and various disease states including immune deficiencies, hypergammaglobulinemia, and viral and bacterial diseases. The laboratory portion provides for application of the principles of immunology to immunologic techniques utilized in the clinical laboratory.	2
MLT	1300	Quality Control and Quality Assurance	This course introduces foundational principles of quality assurance (QA) and quality control (QC) in the clinical laboratory, with emphasis on the analytical phase of testing and the evaluation of laboratory data integrity. Students will examine regulatory and accreditation requirements, apply statistical quality control methods, and investigate sources of laboratory error across pre-analytical, analytical, and post-analytical phases. Through in-class instruction and applied laboratory exercises, students will interpret control data, implement corrective actions, and develop professional documentation practices that support accuracy, patient safety, and continuous quality improvement in the medical laboratory.	1
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.	Variable
MLT	2050	Clinical Hematology	This course covers hematopoiesis as well as function and identification of the cellular components of the blood along with the components of hemostasis. Hematology and coagulation disease states will be discussed including physiology, testing methodology, and lab results. Basic hematology techniques and instrumentation will be discussed and utilized as part of the lab component and results will be correlated with disease states.	4
MLT	2080	Clinical Microbiology	This course covers the classification, isolation, identification, transmission, and significance of clinically associated bacteria, viruses, fungi, and parasites. It also covers micro media, specimen requirements, and susceptibility. Basic microbiology techniques, instrumentation, and testing methods will be discussed and performed as part of the laboratory component. Results will be correlated with microorganisms and students will be able to use a systematic approach to identify unknown organisms by the end of the course.	4
MLT	2100	Clinical Chemistry	This course covers the various significant chemical constituents of plasma and serum. Discussion will include physiology, testing methodology/requirements, and clinical significance as well as correlations to disease states. In addition, the course will include laboratory math and quality assurance/control. The principles and methodologies of chemistry laboratory instrumentation and procedures will be discussed and practiced including maintenance and quality control. A final disease presentation will be required by each student.	4
MLT	2150	Clinical Immunohematology	This course will cover the principles of immunohematology which involves the study of blood group antigens and antibodies and a review of basic immunology concepts. It will include a discussion on blood group system genetics and major antigens, as well as donor eligibility, blood collection processes, transfusion therapy, hemolytic disease of the fetus and newborn, and adverse transfusion reactions. Immunohematology reagents, testing methods, and procedures will be discussed and performed as part of the laboratory component including pre-transfusion testing $\pm$ ABO/Rh, Antibody Screen, Antibody Panel, and Compatibility testing. Both gel and tube testing methods will be utilized in lab.	3
MLT	2250	Clinical and Professional Readiness	This course prepares MLT students for the final semester of the program and clinical rotations. Students will develop resumes and complete interview practice in preparation for clinical placement interviews and future job interviews. Students will have an opportunity to network with laboratory and healthcare professionals and reflect on their own development as a laboratory professional to ensure they are well prepared for their clinical rotation experience. Additionally, this course will provide a comprehensive review of theoretical knowledge and procedures in major medical laboratory departments as well as HIPPA training. Students must pass this course to be eligible for clinical rotations.	1
MLT	2310	Applied Phlebotomy	In this course, you will be placed in a hospital or clinic where you will apply phlebotomy knowledge and skills learned to the healthcare setting under the supervision of a laboratory professional. You will gain experience with blood drawing as well as interactions with patients and members of the healthcare team.	1
MLT	2320	Applied Hematology	In this course, you will be placed in a hospital or clinic where you will apply the hematology knowledge and skills learned to the healthcare laboratory setting under the supervision of laboratory professionals. You will gain experience with hematology testing, result interpretation, troubleshooting, and instrumentation in addition to enhancing affective skills as well.	2
MLT	2330	Applied Coagulation	In this course, you will be placed in a hospital or clinic where you will apply the coagulation knowledge and skills learned to the healthcare laboratory setting under the supervision of laboratory professionals. You will gain experience with coagulation testing, result interpretation, troubleshooting, and instrumentation in addition to enhancing affective skills as well.	1
MLT	2340	Applied Urinalysis	In this course, you will be placed in a hospital or clinic where you will apply the urinalysis knowledge and skills learned to the healthcare laboratory setting under the supervision of laboratory professionals. You will gain experience with urinalysis testing, result interpretation, troubleshooting, and instrumentation in addition to enhancing affective skills as well.	1
MLT	2350	Applied Microbiology	In this course, you will be placed in a hospital or clinic where you will apply the microbiology knowledge and skills learned to the healthcare laboratory setting under the supervision of laboratory professionals. You will gain experience with microbiology testing, result interpretation, troubleshooting, and instrumentation in addition to enhancing affective skills as well.	2
MLT	2360	Applied Immunohematology	In this course, you will be placed in a hospital or clinic where you will apply the immunohematology knowledge and skills learned to the transfusion service setting under the supervision of laboratory professionals in accordance with AABB standards. You will gain experience with immunohematology testing, result interpretation, troubleshooting, product dispensing, and instrumentation in addition to enhancing affective skills as well.	2
MLT	2380	Applied Chemistry	In this course, you will be placed in a hospital or clinic where you will apply the chemistry knowledge and skills learned to the healthcare laboratory setting under the supervision of laboratory professionals. You will gain experience with chemistry/immunology testing, result interpretation, troubleshooting, and instrumentation in addition to enhancing affective skills as well.	2
MUSC	1130	Concert Choir	This course includes the study and performance of choral repertoire. Through active learning students will participate in collaborative artistic study culminating in choral performance of works from a variety of cultures and historical periods. The day section of choir meets twice per week and the night section of choir meets once per week. May be repeated for credit.	1
MUSC	1150	Chamber Singers	This course is a select auditioned group of singers which will perform a wide spectrum of choral repertoire from Madrigals to Vocal Jazz. Auditions will be held early fall semester for the yearly commitment. May be repeated for credit. Strongly recommended to take Concert Choir concurrently	1
MUSC	1160	Large Instrumental Ensemble	This course is an instrumental performance ensemble that plays a variety of musical literature. Enrollment is open to all students who are able to minimally play their instrument at a High School level. The ensemble is open to all students who meet this criterion. Students should provide their own instrument. Percussionists should provide their own sticks/mallets. This group meets once/week. May be repeated for credit. NOTE: Student should be able to minimally play instrument at a High School level NOTE: Student should be able to minimally play their instrument at a High School level	1
MUSC	1170	Instrumental Jazz Ensemble	This course is an instrumental performance ensemble that plays a variety of jazz literature. Enrollment is open to all students who are able to read written musical notation for their instrument. Ensemble is open to all students. Students should provide their own instrument. This group meets once per week. May be repeated for credit. NOTE: Student should be able to minimally play instrument at a High School level	1

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
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.	Variable
MUSC	1180	Small Group Performance Ensemble	This course is a small ensemble performance opportunity. An ensemble work may be made up of strings, percussion, winds, guitars, voice, or any instrumental grouping that may be possible depending on need and interest. Depending on their primary instrument, a student will be placed in a section of this course that corresponds to their instrument. The ensemble will play a variety of composed and/or improvised literature. Primarily for AFA music students, the course is open to all who have the ability to read musical notation and perform competently. However, permission for placement into the course is required. Music faculty must be consulted for placement in the appropriate section. Weekly rehearsals and end-of-semester performance is required. Additional rehearsals may be required. May be repeated for credit.	1
MUSC	1190	Garage Band	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.	2
MUSC	1200	Fundamentals of Music	This general course in music fundamentals includes basic theory, sight singing, piano keyboard, creative activity, and student demonstration. Through the understanding and application of the elements of music, students will be able to distinguish cultural styles and genres.	3
MUSC	1210	Songwriting	This course will introduce and develop a variety of creative writing skills and tools specific to functional music writing, unity, and prosody. It will also offer exercise in common elements of lyric writing, short form composing, and exploration of creative practice in an encouraging environment. No previous songwriting or performing experience is necessary, though performing experience and/or playing an accompanying instrument (such as piano, guitar, ukulele, or digital audio workstation) would be advantageous for success. First-year music theory and/or ear training coursework would be advantageous to enrollees.	2
MUSC	1220	Music Appreciation	This general cultural course is designed to develop an understanding and enjoyment of music. It includes a study of music in western civilization. In addition some world music topics will be addressed. Emphasis is upon class listening supplemented by historical background. Live concert attendance may be required.	3
MUSC	1241	Music Theory I	This course is the first of a four semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory I and Music Theory II are: notation, intervals, rhythm, scale patterns, melodic forms, harmonic conventions, four-part chorale structure, formal structure (binary, ternary). While this course is open to all, to be successful in this course, entering students must have a solid knowledge of note names, scale patterns and note rhythms such as that learned in MUSC 1200 Fundamentals of Music. This course is required for AFA music majors.	3
MUSC	1242	Music Theory II	A continuation of Music Theory I, this course is the second of a four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory I and Music Theory II are: notation, intervals, rhythm, scale patterns, melodic forms, harmonic conventions, four-part chorale structure, formal structure (binary, ternary). This course is required for AFA music majors.	3
MUSC	1251	Ear Training and Sight Singing I	This course is the first of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. While this course is open to all, to be successful in this course, entering students must have a solid knowledge of note names, scale patterns and note rhythms such as that learned in MUSC 1200 Fundamentals of Music. This course is required for AFA music majors.	2
MUSC	1252	Ear Training and Sight Singing II	This course is the second of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2
MUSC	1300	Music in World Cultures	This course teaches music primarily from non-Eurocentric cultures which may include but is not limited to Indian, Indonesian, Chinese, Japanese, Middle Eastern, African, Native American, and African American. Through their studies of the diversity of world music, students will develop a broader understanding and appreciation of other cultures.	3
MUSC	1350	History of Rock and Roll	This course may include but is not limited to early American music, jazz, American musical theater, pop, rock, and rap. The history of popular music in Western Culture will be presented. Students will learn to identify the music styles contained under the broad umbrella of Rock 'n Roll. Students will also learn about the historical, social, cultural and political influences on popular music.	3
MUSC	1370	Video Game Music	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.	3
MUSC	1501	Class Guitar I	This course is open to all students. It is designed for beginners or for guitar students wishing to fill in gaps in their knowledge from previous musical experience. It covers basic guitar techniques and musicianship skills used in a variety of different styles of music. Students will also study different types of written musical notation. It also introduces improvisation and song writing. Student must provide their own guitar (preferably acoustic) in good playing condition.	2
MUSC	1510	Applied Music: Guitar	This course is open to all students and consists of private guitar instruction lessons of 1/2 hour per week (during fall and spring semesters). Students, beginners through advanced, can, in consultation instructor, pick areas of focus depending on their tastes and needs. These may include: guitar technique (i.e. chords, scales finger-picking) theory, reading, ear-training, analysis, improvisation, repertoire development and interpretation. This course may be repeated for credit. Special Music Fees apply. Student must provide their own guitar (preferably acoustic) in good playing condition.	1
MUSC	1600	Class Voice	This course is devoted to basic vocal techniques and skills. Students will learn different styles of song from various cultures and historical periods and will learn to evaluate the fundamentals of the creative process as expressed through vocal performance. This course is open to non-music majors.	2
MUSC	1610	Applied Music: Voice	This course is private voice instruction with lessons of one-half hour per week. Students will expand upon basic vocal technique and skills and will extend their technical ability and style interpretation skill through vocal repertoire from various cultures and historical periods. Students will extend their ability to interpret and create artistic expression through song. This course may be repeated for credit. Special "Music Fees" apply. MUSC 1600 Class Voice strongly recommended before taking this course."	1
MUSC	1801	Class Piano I	This course offers basic piano instruction and technique for the student with no previous training in piano. Students will learn basic piano techniques and skills and be introduced to different playing styles. Students will be introduced to music and history of different cultures as related to the piano.	2
MUSC	1802	Class Piano II	The purpose of the course is to build upon skills and musicianship begun in Class Piano I, allowing the student to continue gaining a better understanding of playing the piano and a greater appreciation of music in general. Both technique and musicianship will be addressed. Scales and/or exercises and music theory will be part of every class lesson. To be successful in this class, the student should have completed MUSC 1801 Class Piano I or be at the equivalent skill level.	2
MUSC	1810	Applied Music: Piano	This course is private piano instruction with lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon basic piano technique and skills and will extend their technical ability and style interpretation skill through piano repertoire from various cultures and historical periods. Students will extend their ability to interpret and create artistic expression through piano literature and performance. This course may be repeated for credit. Special "Music Fees" apply.	1
MUSC	1830	Applied Music: Strings	This course is private instruction on a stringed instrument (violin, viola, cello, bass) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon basic technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
MUSC	1850	Applied Music: Percussion	This course is private instruction on percussion instruments (e.g., drums, xylophone, marimba, or tympani) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1
MUSC	1860	Applied Music: Brass	This course is private instruction on a brass instrument (e.g., trumpet, trombone, French horn, baritone, tuba) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1
MUSC	1870	Applied Music: Woodwinds	This course is private instruction on a woodwind instrument (saxophone, flute, clarinet, oboe or bassoon) lessons of 1/2 hour per week (during fall and spring semesters). Students will expand upon their technique and skills, extending their technical ability and style interpretation through repertoire from various cultures and historical periods. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on the instrument. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply.	1
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.	Variable
MUSC	2010	Advanced Applied Music Lessons	This course is private instruction for advanced students on their instrument (voice, piano, guitar, brass, woodwinds, strings, percussion) with lessons of one hour per week. Students will extend their ability to interpret their musical performance and create artistic expression through solo repertoire performed on their instrument. Students' advanced technical expertise will be incorporated into artistic expression and interpretation of repertoire that challenges their technique and demands artistic finesse and critical analysis. Student must provide their own instrument. This course may be repeated for credit. Special "Music Fees" apply. Admission to this course is by permission only. PLEASE CONTACT THE INSTRUCTOR FOR PERMISSION TO REGISTER.	2
MUSC	2170	History of Music I: Medieval Through Classical Eras	This course is a historical survey primarily of music rooted in the European tradition. The timeframe of study will focus on eras referred to as the Medieval, Renaissance and Baroque periods with some references to the roots of western music in ancient cultures. Music will be studied from the viewpoints of musical styles, genres, performance practices, as well as cultural and historical contexts of those eras.	3
MUSC	2180	History of Music II: Romantic Era to the 21st Century	This course is a historical survey primarily of music rooted in the European traditions. The timeframe of study will focus on eras referred to as the Romantic and late Romantic periods through the 20th century. Music will be studied from the viewpoints of musical styles, genres, performance practices, as well as cultural and historical contexts of those eras.	3
MUSC	2241	Music Theory III	A continuation of Music Theory I & II, this course is the third of a four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory III and Music Theory IV are: Sixth, ninth, eleventh, thirteenth chords and their variants; counterpoint (two-voice), formal structures (fugue, sonata allegro, rondo, variation); pre-20th century tonality and 20th century atonality; music composition not based in tonal sound. This course is required for AFA music majors.	3
MUSC	2242	Music Theory IV	A continuation of Music Theory III, this course is the final in four-semester series of courses that study the theoretical and structural basis of music. Among the major topics covered in Music Theory III and Music Theory IV are: Sixth, ninth, eleventh, thirteenth chords and their variants; counterpoint (two-voice), formal structures (fugue, sonata allegro, rondo, variation); pre-20th century tonality and 20th century atonality; music composition not based in tonal sound. This course is required for AFA music majors.	3
MUSC	2251	Ear Training and Sight Singing III	This course is the third of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2
MUSC	2252	Ear Training and Sight Singing IV	This course is the final of a four-semester series of courses that trains students to read music immediately and accurately at sight and to recognize and play sound patterns, intervals, and rhythms. Students will learn to take musical dictation, sing melodies, rhythm patterns and intervals at sight, and play patterns, rhythms, and intervals on the keyboard without hesitation. This course is required for AFA music majors.	2
MUSC	2970	Music Tour	This course consists of a series of concert or music experiences in the Twin Cities area or another cultural center, e.g. New York, Washington, D.C., to experience a variety of musical performances, lectures, demonstrations, and facilities. Students will study and experience the components that go into live music performances. In addition to live performances, students may tour architecture, museums and galleries to better analyze and understand the background against which the musical performances take place. Special fees may be applied. This course may be repeated for credit. Students will need to provide their own transportation to area concerts, museums or other venues.	1
NSCI	1000	Conceptual Physics	This course is a combined lecture and laboratory course designed for people who want to learn about the fundamental laws and principles that form the basis of the working of the physical universe. This course helps the student understand and appreciate how and why a wide range of common and everyday physical phenomena occur. Topics include: laws of motion, work, energy, momentum, fluids, heat, vibration, wave motion, electricity, magnetism, and light. Some algebra is used in the presentation, so a mathematical preparation equivalent to Math 900 is recommended. (3 hours lecture, 2 hours lab)	4
NSCI	1010	Science of Disaster Workshop I	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1
NSCI	1020	Science of Disaster Workshop II	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1
NSCI	1030	Science of Disaster Workshop III	These courses examine the scientific mechanisms and basis of hazards that are of local, regional, national and global concern for public health, safety and environmental impact. Scientific background of distributions, risks, and case histories for each major hazard will be presented. Topics are divided as follows: 1010 Disasters related to the Lithosphere (rigid portion of earth's surface); 1020 Disasters related to the Hydrosphere (water) and Atmosphere (air); 1030 Disasters related to the Biosphere (realm where life exists), including those societally-induced. This course includes a lab-like experience. Take-home final exam and/or paper/projects required.	1
NSCI	1050	Astronomy	This course takes a "big picture" look at the universe as a whole. Topics include history of astronomy, origin and features of the planets and other members of the Solar System, the lives and deaths of stars, cosmology and the fate of the universe. It also covers recent discoveries and current topics in astronomy. The laboratory component provides a variety of methods to more fully investigate the process of astronomy. The course meets requirements as a natural sciences lab course under Goal Area 3 of the Minnesota Transfer Curriculum. (3 hours lecture/week, 2 hours lab/week)	4
NSCI	1060	The Solar System	This course is 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 and spectra; telescopes; understanding the processes that have shaped the planets, their moons and ring systems; comets, asteroids and dwarf planets. Recent discoveries and current topics from the exploration of the Solar System are also discussed. (3 hours lecture; satisfies MnTC Goal Area 3)	3
NSCI	1061	Solar System Lab	An optional course laboratory course designed to complement The Solar System lecture class. It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, internet exercises, videos and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSci 1060 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1060, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1
NSCI	1070	Concepts of the Stars and Universe	This course is 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, galactic astronomy, and cosmology are also discussed. (3 hours lecture; meets MnTC Goal Area 3 requirements)	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
NSCI	1071	Stars and the Universe Lab	An optional course laboratory course designed to complement the Concepts of Stars and the Universe lecture class. It will involve investigation of the process of astronomy through the analysis of astronomical data. Computer simulation software, internet exercises, videotapes and observational sessions may be used within the course. (2 hrs/week) Prerequisite: Prior or concurrent enrollment in Phys/NSCI 1070 AND Math 0902 or equivalent. If taking this course concurrently with PHYS 1070, you must obtain instructor permission and complete appropriate paperwork for pre-requisite override.	1
NSCI	1100	Physical Geology	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.	4
NSCI	1120	Meteorology	This course is designed for people who desire to learn about the weather. This course helps the student learn to observe and interpret the sky, to read weather maps, and to understand the sequence of meteorological phenomena. The topics to be covered include: air temperature, humidity, condensation, clouds, air pressure, wind, atmospheric circulation, weather forecasting, computer modeling, thunderstorms, tornadoes and hurricanes. (3 hours lecture, 2 hours lab)	4
NSCI	1140	Historical Geology	A temporal survey of the development of Earth as we know it today, and the evolution of life as deciphered from the sedimentary rock and fossil record. 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	4
NSCI	1200	Oceanography	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)	3
NSCI	1210	Minnesota Field Geology Series: Volcanic, Plutonic and Metamorphic Geology	Come explore the oldest rocks in Minnesota! This course will examine the earliest geologic history of Minnesota, which includes greenstone belts, iron ore deposits, and flood and pillow basalts. Topics include: geologic time, plate tectonics, rock cycle, rock classification and identification, Mid-continental rift, intrusive and extrusive igneous processes and products, metamorphism and mineral resources, and topographic map usage. This course is a field experience including observations, hypothesis, predictions, and evaluation of scientific data and results. Three-day field trip around Minnesota is mandatory. Course is open to all students.	2
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.	Variable
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.	Variable
NURS	2700	Health Promotion and the Role of the Professional Nurse	This course introduces the student to the role of the professional nurse. The emphasis on health promotion across the lifespan includes learning about self-health, as well as holistic client health practices. Students learn to access and apply research evidence to guide safe preventative care. The student will incorporate communication and growth and development theory in a caring and culturally sensitive manner. The student will work as an ethical member of multi-disciplinary teams giving and receiving feedback about performance and use reflective thinking about their practice. Within the context of the nursing process, populations studied will include children, adults, older adults and the family experiencing a normal pregnancy. Prerequisites: Admission to Nursing program, BIOL 2100, BIOL 2111, PSYC 1250 and COMM 1110 Co-requisite: NURS 2750 Strongly Recommended to be taken prior to or concurrently: BIOL 2112	9
NURS	2701	Health Assessment for Nursing	The emphasis of this course is on performing a holistic health assessment to provide person-centered care. The focus will be recognizing expected findings across the lifespan. Within the context of health assessment, populations studied will include children, adults, older adults, and the family experiencing a normal pregnancy. Students explore how culture, ethnicity, socio-economic status, and nutrition influence the health of the person. Strategies to conduct sensitive conversations along with utilizing a variety of data gathering techniques will be covered. Further emphasis is placed on electronic communication technology and informatics used to gather data and provide care. This course coincides with NURS2702 and NURS 2703.	3
NURS	2702	Fundamentals for Nursing	Course Descriptioniii 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. Within the context of clinical judgement, populations studied will include children, adults, older adults, and the family experiencing a normal pregnancy. Students explore how culture, ethnicity, socio-economic status, and nutrition influence the health of the person. This course coincides with NURS 2701 and NURS 2703.	4
NURS	2703	Nursing Clinical 1	This course covers the clinical application of nursing care principles for the beginning professional nursing student. The course focuses on safety, therapeutic communication, organization, documentation, and person-centered care. The Clinical Judgement Model will be used in caring for persons across the lifespan in simulation and clinical settings. The student will work as a member of a multi-disciplinary team giving and receiving feedback about their performance and use reflective thinking about their practice. Professionalism and dependability are emphasized. This course coincides with NURS 2701 and NURS 2702.	3
NURS	2710	Transition from Practical to Professional Nursing	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. Students explore how culture, ethnicity, socio-economic status, and nutrition influence the health of the person. Strategies to conduct sensitive conversations along with utilizing a variety of data gathering techniques will be covered. Further emphasis is placed on electronic communication technology and informatics used to gather data and provide care.	5
NURS	2720	Transition to the Role of the Professional Nurse	This course is designed to expand the knowledge and skills of the LPN as they transition to the professional role within nursing. Emphasis is placed on health promotion through the lifespan and incorporates theories related to evidence-based practice, quality and safety, communication, collaboration, clinical decision-making/reasoning, informatics, assessment, caring, and health-illness continuum. Prerequisites: Admission to the Nursing Program: LPN-Mobility Option, BIOL 2100, BIOL 2111, PSYC 1250, and COMM 1110. Co-requisite: NURS 2750 Strongly Recommended to be taken prior to or concurrently: BIOL 2112 concurrently	4
NURS	2750	Nutrition and the Role of the Professional Nurse	This course introduces the student to the role of the nurse in promoting and supporting nutritional health. Emphasis is on the role nutrition plays in health promotion/prevention of illness, recovery from acute illness and/or management of chronic illness. Students learn to access evidence to support healthy nutritional choices that reduce risk factors for disease and/or illness across the lifespan. Students explore how culture, ethnicity, socio-economic status, nutritional trends and controversies, and integrative therapies influence the nutritional health of the client. Prerequisites: Admission to Nursing program, BIOL 2100, BIOL 2111, PSYC 1250, and COMM 1110 Co-requisites: NURS 2700 or NURS 2720 Strongly Recommended to be taken prior to or concurrently: BIOL 2112	2
NURS	2800	Chronic and Palliative Care	This course focuses on the nursing care of clients experiencing chronic illness and/or end of life. Emphasis is placed on understanding the lived experience of clients and families. Ethical issues related to advocacy, self-determination, and autonomy are explored. Evidence-based practice is used to support appropriate focused assessments and management of care of clients experiencing concurrent illnesses/co-morbidities. Prerequisites: BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2850 and 2820 Strongly Recommended to be taken prior to or concurrently: SOC 1110	7
NURS	2801	Pharmacology for Nursing	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.	3
NURS	2802	Chronic and Palliative Nursing	This course focuses on the nursing care of clients experiencing chronic illness and/or end of life to foster an understanding of the lived experience of clients and families. Emphasis is placed on the underlying pathophysiology of common chronic health problems to provide a foundation for nursing care. Ethical issues related to advocacy, self-determination, and autonomy are explored. Evidence-informed practice is used to support appropriate focused assessments and management of care, including nutritional considerations, for clients experiencing concurrent chronic illnesses/co-morbidities.	4

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
NURS	2803	Clinical II	This course provides students opportunity to practice safe, effective, and holistic nursing care in the clinical setting. Students will complete 120 hours of experiential learning applying newly acquired critical thinking and nursing skills in the care planning of clients with chronic conditions. Emphasis will be placed on therapeutic communication and collaboration with interprofessional teams to improve patient outcomes. This course coincides with NURS 2801 and NURS 2802.	4
NURS	2820	Pharmacology and the Role of the Professional Nurse	This course introduces theoretical concepts that enable students to provide safe and effective care related to pharmaceuticals and natural products to diverse clients across the lifespan. A framework is presented for approaching the study of pharmacotherapeutics including pharmaceutical research and regulation, quality and safety, major drug classifications, and clinical management. Prerequisites: Admission to the Nursing Program, BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2800 and 2850 Strongly Recommended to be taken prior to or concurrently: SOC 1110	3
NURS	2850	Applied Pathophysiology for Nursing I	This course introduces a holistic perspective of pathophysiological processes and the disruption in normal body function. Emphasis will be on objective and subjective manifestations of common chronic health problems resulting from environmental, genetic, and stress-related maladaptations to provide a foundation for nursing care. This course complements selected topics addressed in Chronicity and End of Life to provide a comprehensive understanding of disease processes. Prerequisites: Admission to the Nursing Program, BIOL 2112, NURS 2700 or 2720, and NURS 2750 Co-requisites: NURS 2800 and 2820 Strongly Recommended to be taken prior to or concurrently: SOC 1110	2
NURS	2900	Acute and Complex Care	This course focuses on the nursing care of clients experiencing acute disruptions of health and/or end of life issues. Emphasis is placed on understanding and application of theory and skills required to provide nursing care to clients with complex and/or unstable conditions. Evidence-based practice is used to support appropriate focused assessments, and effective, efficient nursing interventions. Knowledge of life span, developmental factors, cultural variables and legal aspects of care guide the ethical decision making in delivery of care. Prerequisites: Completion of NURS 2800, 2820, 2850; SOC 1110 Co-requisites: NURS 2920 and 2950 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or 1220	7
NURS	2901	Nursing Leadership	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 various healthcare settings. Experiential learning includes the application of nursing leadership concepts.	2
NURS	2902	Acute and Complex Nursing	This course focuses on the nursing care of clients experiencing acute disruptions of health. Emphasis is placed on understanding and application of theory, underlying pathophysiology, and skills required to provide nursing care to clients with acute complex and/or unstable conditions. Evidence-informed practice is used to support appropriate focused assessments, and nursing interventions, including nutritional considerations. Knowledge of life span, developmental factors, cultural variables, and legal aspects of care guides ethical decision making in delivery of care. This course coincides with NURS 2901 and NURS 2903	5
NURS	2903	Nursing Clinical III	This course provides students opportunity to practice safe, effective, and holistic nursing care in the clinical setting. Students will complete 120 hours of experiential learning applying newly acquired critical thinking and clinical reasoning alongside nursing skills in the care of clients with acute complex and unstable conditions. Emphasis will be placed on fine-tuning written and oral communication, priority setting, decision making, and clinical judgement in collaboration with interprofessional teams to improve patient outcomes. This course coincides with NURS 2901 and NURS 2902.	4
NURS	2920	Applied Pathophysiology for Nursing II	This course will facilitate ongoing critical thinking and analysis of pathophysiological concepts. Emphasis will be on interpretation and prioritization of data resulting from environmental, genetic, and stress-related maladaptations. This course complements the selected topics addressed in Acute & Complex Care to provide a comprehensive understanding of disease processes. Prerequisites: NURS 2800, NURS 2820, NURS 2850; SOC 1110 Co-requisites: NURS 2900 and NURS 2950 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or PHIL 1220	2
NURS	2950	Nursing Leadership I	This course focuses on prioritization, delegation, and supervision of nursing care of clients across the lifespan. Healthcare policy, finance, and regulatory environment issues are analyzed. Emphasis is on planning, collaborating and coordinating care for individuals and groups across the care continuum. Prerequisites: NURS 2800, NURS 2820, NURS 2850 and SOC 1110 Co-requisites: NURS 2900 and NURS 2920 Strongly Recommended to be taken prior to or concurrently: PHIL 1020 or PHIL 1220	3
PADM	1100	Introduction to Public Administration	This course is a general introduction to the field of public administration. Topics covered include public management and leadership, organization theory and behavior, federalism and intergovernmental relationships, public policy decision-making, public budgeting and fiscal policy, human resources management, and bureaucratic ethics and accountability. Students will be encouraged to connect political, economic and social contexts to pressing community problems and their solutions.	3
PADM	1200	Public Policy Analysis	This course provides students with an understanding of the public policy analysis process. Upon completion of the course, students will be able to understand the effective use of policy analysis methods and techniques to determine the effectiveness of public programs. Students will be able to identify and define public problems, identify and evaluate policy solutions, and make educated recommendations to policymakers. Emphasis will be placed on real-life public policy failures and successes, and the benefits of partnership between public sectors and private sectors.	3
PADM	1300	Public Finance and Budgeting	This course provides students with an understanding of the public finance and budgeting processes used in the allocation of public resources to meet public interests. Topics include the political environment, government expenditures, revenues, taxation, budgetary process theories and techniques, and the relation of government finance to the economy.	3
PADM	1700	Case Studies and Policy Discussions in Public Administration	This course exposes students to practical theories of local government policy development, community capacity, the economics of public investment of resources, and the ethics of public engagement and decision-making. Special attention will be given to racial equity and wealth creation activities in communities of color, capacity building and economic investment in emerging communities, establishing the appropriate balance between neighborhood and downtown redevelopment, and emerging public policy issues. Emphasis will be placed on the use of case studies to show the application of real-life public administration situations.	3
PHIL	1010	Introduction to Philosophy	This course will introduce students to philosophical inquiry and major problems philosophers think about (including the nature of existence and the difficulty of saying whether any knowledge is certain). Students will be encouraged to question their basic beliefs and recognize their philosophical assumptions. No definite conclusions will be reached.	3
PHIL	1020	Ethics	This course will introduce students to both the methods and issues connected with thinking about morality and ethical systems. Moral skepticism will also be examined. The aim of this class is to allow students to be more aware of their own ethical modes of thinking and the diversity of ways morality enters into human lives.	3
PHIL	1050	Introduction to Logic	Investigation of the principles of deductive and inductive reasoning. The course may include traditional Aristotelian logic and modern symbolic logic, validity, invalidity, and proofs. Since this course can be taken to fulfill the Mathematical-Logical Reasoning general education requirement, students should expect a Math-like course, with exercises and exams.	3
PHIL	1070	Political Philosophy	In this course we will examine issues in political philosophy through discussion of a range of primary western and non-western historical texts from ancient, medieval, and modern political writers. In the process of this examination of the historical development of political philosophy, a variety of topics will be explored such as: diverse theories of human nature and their implications for the role of government, the dynamics of power, the ideals of duty, justice, liberty and equality, and justifications for private property, profit, and civil disobedience.	3
PHIL	1080	Comparative World Religions	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 diverse world 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. An important objective of this course is 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.	3
PHIL	1110	Informal Reasoning for Problem Solving	This course studies methods of problem solving, utilizing principles that distinguish good reasoning from poor reasoning. Students will evaluate claims and arguments in natural language, applying the concepts of validity, truth, induction, deduction, and relevance. Students will develop clear thinking, and recognize, criticize and avoid common fallacies. Conceptual analysis will be applied to areas of practical reasoning, to human values, to develop science and media literacy, and to further student self-awareness.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
PHIL	1120	Ethics in Organizations	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.	3
PHIL	1200	Environmental Philosophy	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.	3
PHIL	1210	Global Justice, Peace and Conflict	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.	3
PHIL	1220	Health Care Ethics	This course looks at the underlying assumptions that affect beliefs, practices, and policies in contemporary health care. Emphasis will be placed on understanding of the ethical principles and theories related to health care. A wide variety of health care issues and the challenges they present will be studied. Critical thinking skills will be emphasized in determining the best course of action for making ethical decisions in the health care field.	3
PHIL	1230	Food Ethics	In this course we 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. We consider the environment, the commercial aspect of food production, and the role of government in areas such as policy-making, and consumer safety. And, of course, we address the importance of ethical questions, such as: Are we creating harm by our acts of food production and the demands of our eating habits? This course emphasizes critical evaluation of these issues to determine how we may respond as responsible citizens, with a special focus on addressing food insecurity in our community. Considering the social, environmental, cultural, and ethical impacts of our food choices will help us understand how they may express our moral values.	3
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.	Variable
PHYS	1000	Conceptual Physics	This course is a combined lecture and laboratory course designed for people who want to learn about the fundamental laws and principles that form the basis of the working of the physical universe. This course helps the student understand and appreciate how and why a wide range of common and everyday physical phenomena occur. Topics include: laws of motion, work, energy, momentum, fluids, heat, vibration, wave motion, electricity, magnetism, and light. Some algebra is used in the presentation, so a mathematical preparation equivalent to Math 900 is recommended. (3 hours lecture, 2 hours lab)	4
PHYS	1030	Introduction to Physical Sciences	In this course, students will explore the basics of chemistry and physics by examining such concepts as understanding and measuring matter; atoms, elements, compounds and mixtures; physical and chemical properties of matter; states of matter; chemistry fundamentals, the periodic table; bonding and types of compounds; mixtures and solutions; chemical reactions; properties and sources of energy; heat; electricity, circuits, and power; properties of sound & light; the behavior of sound & light; forces and motion; work and simple machines. This course is intended for students who wish to complete a science course with a lab. It is not a prerequisite for any science or health programs. This course may not be used as a substitute for a chemistry course or a physics course. (3 hours lecture, 3 hours lab) Math 0901 (Intro to Algebra) or basic math skills are highly recommended.	4
PHYS	1050	Astronomy	This course takes a "big picture" look at the universe as a whole. Topics include history of astronomy, origin and features of the planets and other members of the Solar System, the lives and deaths of stars, cosmology and the fate of the universe. It also covers recent discoveries and current topics in astronomy. The laboratory component provides a variety of methods to more fully investigate the process of astronomy. The course meets requirements as a natural sciences lab course under Goal Area 3 of the Minnesota Transfer Curriculum. (3 hours lecture/week, 2 hours lab/week)	4
PHYS	1060	The Solar System	This course is 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 and spectra; telescopes; understanding the processes that have shaped the planets, their moons and ring systems; comets, asteroids and dwarf planets. Recent discoveries and current topics from the exploration of the Solar System are also discussed. (3 hours lecture; satisfies MnTC Goal Area 3)	3
PHYS	1070	Concepts of the Stars and Universe	This course is 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, galactic astronomy, and cosmology are also discussed. (3 hours lecture; meets MnTC Goal Area 3 requirements)	3
PHYS	1120	Meteorology	This course is designed for people who desire to learn about the weather. This course helps the student learn to observe and interpret the sky, to read weather maps, and to understand the sequence of meteorological phenomena. The topics to be covered include: air temperature, humidity, condensation, clouds, air pressure, wind, atmospheric circulation, weather forecasting, computer modeling, thunderstorms, tornadoes and hurricanes. (3 hours lecture, 2 hours lab)	4
PHYS	1231	Principles of Physics I	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, Newton's Laws, torque & static equilibrium, conservation of energy, thermal physics & thermodynamics, periodic motion. Optional topics are fluids and 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). This course may be taken before or after PHYS 1232.	4
PHYS	1232	Principles of Physics II	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. Optional topics are interactions between radiation & matter and AC circuits. 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 1231. Concepts of motion, energy, and right-triangle trigonometry will be introduced as needed. (3 hours lecture, 2 hours lab).	4
PHYS	1601	General Physics I	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. 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)	5
PHYS	1602	General Physics II	This course is a continuation of PHYS 1601. Topics include electricity, magnetism, DC and AC circuits, wave motion, electromagnetic waves, and optics. Optional topics are 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). This course is intended for students in any program/degree which requires a calculus-based physics course.	5
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.	Variable
PLEG	1111	Introduction to Law and Paralegal Studies	This course introduces students to the paralegal profession, including the nature of paralegal work, job requirements and opportunities. Students will study the Minnesota Rules of Professional Conduct and the ethical standards applicable to paralegals. The students will learn about the American legal system, including sources of law, court systems and procedures. The students will study the relationship between state and federal laws and procedure and alternative dispute resolution. Students will also study the substantive areas of torts and criminal law.	3
PLEG	1210	Computer Applications in the Legal Profession	This course presents a study of the computer software commonly used in legal organizations, including programs in word processing, spreadsheets, database management systems, timekeeping and billing, case management and docket control, litigation support, presentation graphics, and electronic mail. Students will also study legal ethics as applied to the use of computer technology in the law office. CIS 1000 or knowledge of keyboard recommended. Prerequisite: PLEG 1111	2

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
PLEG	1220	Computer Applications in the Legal Profession	This course presents a study of the computer software commonly used in legal organizations, including programs in electronic discovery, 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.	3
PLEG	1330	Family Law	This course presents a study of the processes and procedures undertaken in a family law practice. Students will study the procedures applicable to marriage dissolution and learn to prepare the legal documents associated with such procedures. Students will also study other substantive family law topics such as marriage and premarital agreements, child custody and support, domestic abuse, and adoption. In addition, this course examines the ethical considerations relating to a family law practice. Prerequisite: PLeg 1111	3
PLEG	1411	Litigation I	This course is the first part of a two-part Litigation course. This course presents a study of the processes and procedures undertaken in litigation and the role of the paralegal in a litigation practice. Students will study the requirements and applications of the Rules of Civil Procedure and the general rules of practice in District Court. Students will also study the various methods of alternative dispute resolution and their application to a litigation practice. Students will learn to prepare the documents essential to a litigation practice, such as complaints, discovery requests and discovery responses. This course also examines the ethical considerations relating to litigation. Prerequisite: PLeg 1111	3
PLEG	1412	Litigation II	This course is the second part of a two part Litigation course. This course presents a study of the processes and procedures undertaken in litigation and the role of the paralegal in a litigation practice. Students will study the requirements and applications of the Rules of Civil Procedure and the general rules of practice in District Court. Students will also study the various methods of alternative dispute resolution and their application to a litigation practice. Students will draft litigation documents and learn the role of the paralegal before, during and after trial. This course includes a study of the rules of evidence, and tips for preserving and protecting evidence in civil and criminal trials. Students will learn methods of investigation and fact gathering. In addition, this course also examines the ethical considerations related to evidence and the trial process. Prerequisite: PLeg 1411	3
PLEG	1430	Alternative Dispute Resolution	This course introduces students to the understanding of conflict and provides a working knowledge of the major forms of adjudicative and non-adjudicative alternative dispute resolution processes. Students will apply the theory and practice of alternative dispute resolution to their personal as well as their professional lives. Prerequisite: PLeg 1111.	1
PLEG	1510	Intellectual Property	This course presents a study of the major areas of intellectual property law in the United States: trademarks, copyrights, patents and trade secrets. Students will study relevant statutes and case law, as well as the key policy considerations in the subject area. This course also examines the ethical issues relating to intellectual property law. Prerequisite: PLeg 1111	2
PLEG	1610	Immigration Law	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).	3
PLEG	1990	Topic:	This course will provide flexibility in offering an in-depth review of topics of immediate importance and topical interest. These topics will go beyond the introductory courses in examining specific aspects of the subject matter.	3
PLEG	2211	Legal Research and Writing I	This course presents a study of methods of legal research related primarily to case law, which include the use of digests, encyclopedias, reporter systems, and practice manuals. The students will gain an understanding of law libraries and will be introduced to computer assisted legal research. Students will learn analytical writing skills for use in preparation of legal memoranda. Use of Blue Book citation methods will be emphasized.	3
PLEG	2212	Legal Research and Writing II	This course is a continuation of Legal Research & Writing 1. This course focuses on primary sources other than case law such as constitutional law, statutory law, administrative law, and court rules. The student will also study secondary sources. This course provides the student with additional experience in the advancement of analytical writing skills for use in the preparation of legal memoranda. Blue Book citations relative to sources studied will be emphasized. The student will also gain additional experience with computer assisted legal research.	3
PLEG	2310	Criminal Law and Procedure	This course presents a study of the substantive and procedural aspects of criminal law and the role of the paralegal working in the area of criminal defense or criminal prosecution. Students will study the general principles of criminal liability, analysis of particular crimes, parties to crimes, and the substantive defense to crimes. Constitutional safeguards and procedures from arrest through trial, sentencing, punishment, and appeal are also studied. This course also examines the ethical considerations relating to criminal law and procedure. Prerequisite: PLEG 1111 Please Note: All Paralegal program and course prerequisites are enforced. This course may not be used as a substitute for SOC 1710 in any NHCC programs which include SOC 1710 as a required course.	3
PLEG	2430	Torts & Personal Injury Law	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.	3
PLEG	2510	Contracts and Business Organizations	This course presents a study of contracts, sales of goods, products liability, secured transactions, creditor rights, consumer protection and bankruptcy. The students also study basic principles of employment law. This course also presents a study of business entities, including sole proprietorships, partnerships, corporations, limited liability companies, and other business entities. Students will learn the fundamental principles of law applicable to each entity type and how to prepare documents necessary to the organization and operation of each. In addition, this course examines the ethical considerations relating to business law practice. Prerequisite: PLeg 1111	3
PLEG	2620	Property	This course presents a study of personal and real property. Students study landlord and tenant law, real estate conveyance, real estate financing, foreclosure and mechanic's liens. Students will learn to prepare deeds and other real estate documents, and the documents used in mortgage foreclosure and mechanic's lien foreclosure. The general concepts of legal descriptions, Torrens and Abstract titles, and contract for deed procedures are covered. In addition, this course examines the ethical considerations related to a property law practice. Prerequisite: PLeg 1111	3
PLEG	2710	Wills, Trusts and Estate Administration	This course presents a study of estate administration, including the preparation and use of wills and trusts as estate planning tools. Students will study powers of attorney and the use of health care directives for disability planning. The students will learn the fundamental principles of probate law and how to prepare documents used in probate procedures. Students will also learn about the impact of estate taxes on estate planning. In addition, this course examines the ethical considerations relating to estate planning, wills and trusts. Prerequisite: PLeg 1111	3
PLEG	2810	Employment Search for Paralegals	This course presents a study of the skills and tools needed for locating paralegal employment opportunities. Students will study employment opportunities in both legal and non-legal settings. Students will study attitudes and work habits for a more successful career. Students will learn to prepare a professional resume and conduct an interview. Prerequisite: PLeg 1111	1
PLEG	2930	Legal Studies Seminar and Internship	The course is designed to ready the student for transition from the classroom to the work place, emphasizing practical skill development and additional development of the student's organizational, communication and critical analysis skills. This is also a course designed to measure the student's learning and mastery of the program's goals and objectives. The course is designed with in-class and out of class internship experiences. Through in-class discussions and exercises, the student develops the basic skills necessary for the paralegal work setting. The student gains actual work experience under the supervision of an attorney or experienced paralegal in day-to-day, on-site office work completed at an internship site. The student must complete 150 hours of work at the internship site, which may be a private or public law office, corporate or government legal department, or other appropriate law-related setting or complete the alternative legal practicum coursework. Prerequisites: PLeg 2211	3
POLS	1000	Introduction to Political Science	This course provides an overview of major topics, approaches, and methods in the study of political science. Students are introduced to key terms and concepts, quantitative and qualitative research methods, core political institutions and behavior, as well as the discipline subfields of American government, comparative politics, world politics, and political theory.	3
POLS	1100	American Government and Politics	This course is a general introduction to American politics with emphasis on the Constitution, citizen participation, elections, and the role of the major governmental institutions - Congress, presidency and judiciary - in the formulation of public policy in the United States.	3
POLS	1140	State and Local Politics	This course studies the operation and structure of state governments including executive, legislative, judicial functions as well as elections and policy formation, with an emphasis on Minnesota.	3
POLS	1600	Comparative Politics	This course examines and compares the organization and politics of modern governments around the world. Countries studied exemplify larger course themes of political institutions, political culture, elections, public policy, democratization, economic development, and comparative methodology.	3

SUBJ	COU_NBR	TITLE	COU_DESC	CRHR
POLS	1700	World Politics	This course is a general introduction to international relations with emphasis on great power politics, international organizations, security studies, international political economy, and global environmental politics.	3
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.	Variable
POLS	2130	Constitutional Law	This course will acquaint students with the content of the United States Constitution and its amendments; its interpretations within political, social, and historical contexts; and will examine the reasoning process in major judicial decisions. Prerequisite: Soc 1710 or PolS 1100	3
PSYC	1150	General Psychology	This course provides an overview of psychology, introducing students to the scientific study of behavior and mental processes. Topics covered include theory and research in psychology, biopsychology, consciousness, learning, memory, personality, disorders, and social psychology. Students will demonstrate an understanding of key topics in Psychology and apply course concepts to analyze real-world situations, including their own daily life. Designed for non-majors seeking a foundational understanding of psychology, this course is also suitable for psychology majors fulfilling a three-credit general psychology requirement for transfer purposes.	3
PSYC	1160	Introduction to Psychology	This course provides an in-depth introduction to the scientific study of behavior and mental processes. It serves as a foundational component for students pursuing advanced coursework in Psychology and related disciplines. Topics include history of psychology, research methods, neuroscience, sensation and perception, learning, memory, social psychology, disorders and therapies. Additional topics may include consciousness, lifespan, thinking and intelligence, language, gender and sexuality, emotions, personality psychology, health psychology, and applied psychology.	4
PSYC	1165	Psychology of Adjustment	This course is an in-depth look at the processes of normal human adjustment and their application in the student's life adjustment. A component of the course is diversity and dealing with diversity, specifically the development and changing group identities in the U. S.; an examination of the individual and institutional processes of unequal power between groups; an examination of the students' attitudes, behavior and beliefs about diversity, stereotyping, prejudice, bias and racism and bigotry; and experience in developing the necessary communication skills for living and working in a diverse society. Other topics may include goal setting and change processes, self-awareness and identity, physical and psychological health, stress and coping, interpersonal relationships and communication, emotions and motivation, social interactions, psychological growth and development, meaning and values, and decision making.	3
PSYC	1170	Psychology of Gender	Psychology of Gender includes the theory and research relating to sexuality, gender roles and sexual orientation.	3
PSYC	1210	Child Development	This course focuses on the psychological, intellectual, and physical development from the prenatal period through adolescence. Topics include general theoretical approaches and research methods in studying child and adolescent development, birth and the newborn child, and development in the following areas: prenatal, physical, perceptual, cognitive, intellectual, language, personality, social and atypical. Completion of General Psychology is helpful prior to taking this course.	3
PSYC	1220	Psychology of Aging	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.	3
PSYC	1250	Life Span Developmental Psychology	Life Span Developmental Psychology examines continuity and change across the life span. The course examines the biological, cognitive, and social development of humans from conception through death. Topics will explore maturation, human growth experiences, transitions, and the various stages of psychological and physical development as key components influencing human behaviors.	4
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.	Variable
PSYC	2000	Statistics for the Behavioral Sciences	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.	4
PSYC	2110	Principles of Social Psychology	This course examines the major theories and classic research studies of Social Psychology. We will analyze how individuals' 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.	3
PSYC	2320	Psychological Disorders	This course is an introduction to the origin, classification, and treatment of psychological disorders. Topics include historical and research issues, adjustment reactions to stress/anxiety, mood disorders, personality disorders, psychoses, types of psychotherapy, legal and ethical issues.	3
PSYC	2330	Personality Psychology	The course explores the major theories of personality, including psychodynamic, behavioral, cognitive, humanistic, and trait approaches. By studying these perspectives, students will gain a comprehensive understanding of personality psychology, the study of the self, and its significance within psychological theory and research. Additionally, students will apply these concepts to gain insight into their own personalities and those of others. The course will also focus on research methods in personality psychology and how to critically assess claims about personality using empirical evidence.	3
PSYC	2340	Human Sexuality	An overview of past and current research on human sexuality. The course will address: the human sexual response; models and sources of arousal; cultural influences on human sexual behavior and sexual diversity; emotional aspects of sexuality and sexual dysfunction; sexual communication, intimacy, dependency and jealousy; sexual exploration and courting behavior across the life span; atypical behavior, commercialized sex, and sexual coercion. Pre-reqs: PSYC 1150 or PSYC 1160 or instructor-approved prerequisite appeal form.	3
PSYC	2350	Multicultural Psychology	This course is an introduction to diversity and multiculturalism within psychology. We will examine how culture, broadly defined, affects the client/therapist relationship, individual identity, group behavior, and research within psychology. By the end of this course, students will have a broad understanding of extant research on diversity from a wide variety of perspectives including international perspectives. Students will be able to evaluate research and research arguments. Students will be able to think critically about psychological theory, the impact of public policy, research findings, and future research directions.	3
PSYC	2360	Psychology, Race, and Law	This course will examine the interaction between psychology, the legal system and race. Topics we will explore include but are not limited to include eyewitness memory, the insanity defense, involuntary civil commitment, forensic evaluation in cases of child sexual abuse, false confessions, profiling, and child custody determinations. The class addresses various controversies in the law, including jury selection, jury decision-making, police interrogations and confessions, use of lie-detector tests, eyewitness testimony, repressed and recovered memories, and the role of psychologists as expert witnesses. We will survey real-world examples of what may be current at the time. These real-world examples will describe scenarios and cases that illustrate or explain an important legal concept or psychological principle covered in the chapter or section being discussed in class. This course provides a strong foundation of understanding for individuals interested in Forensic Psychology, Criminal Justice and Law.	3
SOC	1110	Introduction to Sociology	This course introduces students to the practice of thinking sociologically. The class focuses on cultivating and applying the sociological imagination: the capacity to understand the connections between personal troubles and social issues. We start with the sociological theories and concepts. We then explore social institutions, and their relationships with individuals. Topics include but are not limited to culture, research methods, roles and norms, groups, deviance, social and cultural change, and inequalities in race, class, gender, and sexuality.	3
SOC	1130	Social Problems	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.	3
SOC	1710	Introduction to Criminal Justice	This course covers the history, organization, and function of the criminal justice system in the United States. Topics include foundations of crime and justice, victimization, crime statistics and the extent of crime, police issues, court systems, corrections, and future trends. Note: Sociology 1110 recommended prior to taking this course.	3
SOC	1720	Police and Community	This course addresses the affective-oriented aspects of contemporary law enforcement. Topics include crime prevention, police community relations, ethical decision-making, cultural diversity, bias-motivated crimes, domestic abuse, problem solving, volunteerism, and interpersonal communications. Note: SOC 1110, Introduction to Sociology, recommended before taking this class.	3
SOC	1730	Juvenile Justice	This course analyzes the juvenile justice system and its historical and philosophical development, including theories of social causes and effects of delinquency. Students will learn strategies for working with juveniles and for preventing and investigating delinquency. The course provides a working knowledge of Minnesota statutes pertaining to juveniles through the study of case law, report writing, skills exercises, and simulation.	3
SOC	1750	Families in Crisis	This course analyzes the dimensions and dynamics of family dysfunctions. Topics may include, domestic abuse, child abuse and protection, vulnerable adults, peace officer response to crime victims, Americans with Disabilities Act as it relates to peace officers, mental health, poverty, homelessness, and the substance abuse as related to family issues. Prerequisite: Soc 1110	3

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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.	Variable
SOC	2110	Principles of Social Psychology	This course examines the major theories and classic research studies of Social Psychology. We will analyze how individuals 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.	3
SOC	2210	Social Inequality	This course considers the social history, current conditions, and future prospects of minority groups in the United States. Topics include racism, sexism, prejudice, discrimination, affirmative action, and other related issues and social policies. Prerequisite: Soc 1110	3
SOC	2730	Introduction to Corrections	This course examines corrections as a major component of the criminal justice system in the United States. Topics may include programs, practices and critical issues. Prerequisite: Soc 1710 or Consent of Instructor	3
SPAN	1030	Spanish and Latin American Culture	This course is an introduction to the civilization and culture of Spain and Spanish America, with particular emphasis on comparative cultures, modern trends, the ancient Indian civilizations and African-Spanish-American influences. The course is taught in English; no previous knowledge of Spanish is required.	3
SPAN	1101	Beginning Spanish I	Designed for the student with little or no previous experience with languages, this course stresses correct pronunciation, aural comprehension, basic structure, and a practical reading knowledge of Spanish.	5
SPAN	1102	Beginning Spanish II	Continuing the activities and skill development from Span 1101, this course will emphasize basic proficiency reinforcing the student's knowledge and awareness of appropriate language use in a variety of situations. Prerequisite: Span 1101 or equivalent recommended	5
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.	Variable
SPAN	2201	Intermediate Spanish I	This course continues the development of the multiple language skills introduced in the beginning sequence. The student is introduced to the literature and culture of Spain and Spanish America. Prerequisite: Span 1102 or equivalent recommended	5
SPAN	2202	Intermediate Spanish II	This course continues the development of multiple language skills with the opportunity to improve reading, writing, speaking and listening comprehension, with emphasis on developing skills in conversation and in expanding vocabulary. The student will also have a more extensive exposure to the literature and culture through readings and films. Prerequisite: Span 2201 or equivalent recommended	5
TFT	1110	The NHCC Filmmaking Project: Student Activity Class	The North Star Film Project (TFT 1110) is a student activity class in which students will meet at least one hour per week in a laboratory format to produce short films from scripts written in the NHCC Introduction to Screenwriting each spring. Participating students learn about planning, rewriting, shooting, editing, and mixing a film into a finished product, ready for viewing. Students in this class may repeat it for credit, and may also participate in the Capstone version of the class for 3 credits once they have completed the prerequisites for that version of the class (TFT 2110).	1
TFT	1200	Theatre in the Twin Cities	Students attend performances of plays in order to understand the elements of theatrical and dramatic production. Students develop criteria for the evaluation of productions as they explore the complexities of theatre and its reflection of society. They also examine their own biases and value systems and how they affect their evaluation processes regarding artistic, societal, and personal points of view.	3
TFT	1210	Introduction to Theatre	This introductory-level course explores forms and modes of theater in order to examine theaters import as a live, performing art of human expression. Analysis will consider both written dramatic literature (plays as texts) and performances of fully staged theater productions (recorded and live). Investigations will explore the ways in which societies shape theater and, in turn, how theater has shaped societies. Examinations will consider a spectrum of theater genres and historical eras from ancient Greek theater to Shakespeare to modern musicals to leading works of the 21st century by women and BIPOC creatives. Participants will develop methods of critical analysis to consider and interpret central elements of staged performance, including: the techniques and technologies of theatrical storytelling, the work of visual representation for performance, modes of acting and physical movement, and representations of race and gender in theater. Explorations will also delineate the specialized crafts of theater artists (i.e., playwrights, actors, designers, and directors). Participants will come to understand the ways in which theater and its multifaceted strategies of representation and creativity for performance are an integral and defining feature of human experience and expression.	3
TFT	1250	Introduction to Film	This course is an introduction to the history and techniques of entertaining and communicating ideas through motion pictures. The course consists of viewing, analyzing, discussing and writing about films as a means of understanding visual communication and developing greater visual literacy.	3
TFT	1260	Introduction to Television	This course is an introduction to television's history, development, emerging technologies, influence, and future. It explores digital convergence as well as programming, distribution, regulation, and audience, constantly emphasizing the effect of money on this pervasive medium. Both television shows and movies about television will help illuminate the course content.	3
TFT	1270	Digital Video Production	This course introduces basic video production concepts and techniques with an emphasis on using the elements of motion and sound as creative artistic tools. Students will critically analyze video in terms of genre, context, meaning, visual language and form and then produce and edit their own short projects that explore creative and experimental applications of the medium rather than the traditional mass communication form. Students are encouraged to use their own computer for editing if possible. Basic knowledge of the computer is helpful.	3
TFT	1280	Introduction to Screenwriting	This course is an introduction to screenwriting, dealing with the basics of drama, story, character, structure, dialogue, and meaning. It explores these elements with writing exercises that develop skills in plotting, exposition, suspense, and action. It focuses on visual storytelling, helping students to discover observable actions and images that can convey ideas effectively, while constantly emphasizing how well-developed characters' needs and wants drive the structure and conflict of an engaging story. It is intended to acquaint students with the craft of screenwriting; to be a beginning course in the field that will help prepare students for further work.	3
TFT	1290	Design for Theatre	This course is an examination of how theatre design (set, costume, properties, and lighting) are used to support the production of a play. The elements of design- line, texture, color, and form- are explored as they have been and are currently used by designers and directors for theatrical productions. Students analyze dramatic literature and create design projects.	3
TFT	1310	American Cinema	American Cinema is a class in which students look at American films that have played a role in American film history from its beginnings to the present. They explore America's filmmaking history and its contributions to American culture, specifically considering the many diverse communities portrayed in these films as well as filmmakers from these often minority communities. These selections include films by or about African Americans, Asian Americans, Latino Americans, Native Americans, GLBT Americans, and the contributions of American Women throughout film history. The course consists of viewing, analyzing, discussing and writing about American films as a means of understanding the impact of these works on our diverse American culture.	3
TFT	1320	World Cinema	World Cinema is a class in which students look at films from around the world. They explore various non-English-speaking countries' contributions to filmmaking and world culture that have been made by these countries' films. They look at two films from each country studied: one that exemplifies the historical/cultural concept that is associated with that country's films and one contemporary film from that country. The course consists of viewing, analyzing, discussing and writing about films from other cultures films as a means of understanding the impact of these works on our own as well as other cultures.	3
TFT	1350	The American Musical Theatre	American Musical Theatre is designed to enlighten the learner about the basics of musical theatre production and its genesis as a uniquely American art form. Also, the course will take a close look at the context in which these musicals were created and how they challenged society at that time. In addition, the course will examine the writing of the book, lyrics and music of many shows in an attempt to better analyze and evaluate the content.	3
TFT	1450	Stagecraft	This introductory-level course in theater production provides hands-on, experiential learning for the study of production technologies and methodologies utilized in the creative work of theater stagecraft. Examinations will explore foundational knowledge areas of theater production, including: materials and building techniques common to the construction of scenery and properties, installation of scenic elements, scenic painting, theatrical lighting technology (i.e., lighting control consoles, lighting instruments and accessories, electrical rigging), and theatrical sound technology (i.e., digital sound mixer, microphones, speakers, electrical wiring). Additional topic areas include instruction, knowledge, and exploration of: hand tools, power tools, specialized theater equipment, safety protocols of the theatrical scene shop and theatrical stage, stage rigging, and stage management. In-class learning will be reinforced through students' hands-on participation in the construction	3
TFT	1510	Movement and Voice	This course explores forms and modes of stage movement and vocal technique as they pertain to theatre performance and the art of human expression. Investigations will explore theatrical movement techniques that may include, but are not limited to, the works of Moïse Feldenkrais, Frederick Alexander, Rudolf Laban, Wesley Balk, Ann Bogart, Frantic Assembly, and Tectonic Theater Companies. Vocal techniques will also be explored through a series of exercises which may include, but are not limited to, the works of Kristin Linklater and Edith Skinner. Participants will develop methods of critical analysis to interpret vocal and kinesthetic choices in performances of fully staged theater productions (recorded and live) as well as in class presentation of exercises throughout the semester. Participants will develop methods of critical analysis to interpret central elements of staged performance, specifically modes of acting and physical movement and vocal variation and expression. Participants will come to understand the ways in which building responsiveness and flexibility by freeing the body and voice of the limitations of habitual patterns. Critical assessment is placed on the utilization of learned techniques to create character, heighten response to others, and to enhance stage presence.	3

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TFT	1531	Stage Combat I	Stage Combat I is an introductory course in the Stage Combat Program, and will focus on unarmed (hand to hand fighting) and armed (found objects, knives, etc.) stage combat. The program conforms to the guidelines put forth by the Society of American Fight Directors (SAFD). Telling a story effectively through the use of disciplined and safe stage combat will be stressed, as well as instruction in the history, type and use of various weapons. Students in the performing arts will gain self-confidence in their ability to fulfill the needs of any script calling for stage or screen violence. Students not in the performing arts will gain a firsthand appreciation of the skills necessary to make stage and screen violence look real.	3
TFT	1532	Stage Combat II	Stage Combat II is the follow-up course to Stage Combat I in the Stage Combat Program. The primary focus of this course will be on performance. The skills learned in Stage Combat I will be reviewed and refined, then applied to the performance of choreographed staged fights within the context of a scene. Students will assign emotional value to the physical circumstances of the scene and act out the intentions of the character. This program conforms to the guidelines put forth by the Society of American Fight Directors (SAFD), which contains 90 hours of required instruction. Students in the performing arts will gain self-confidence in their ability to fulfill the needs of any script calling for stage or screen violence. Students not in the performing arts will gain a firsthand appreciation of the skills necessary to make stage and screen violence look real.	3
TFT	1540	Acting for the Camera	Students will have the opportunity to perform in front of the camera and see themselves as the camera records them, revealing their strengths and challenges. Acting techniques specific to working in film and television will be covered along with methods for auditioning, script analysis, character development, communication and style. How to handle camera and editing equipment is also included.	3
TFT	1600	Theatre Practicum: Performance	This course offers students the opportunity to focus directly on the development and application of performance skills in acting through a hands-on, experiential learning, practicum setting. To enroll, students must audition for and earn a role in an NHCC Department of Theater play production. When a role in a Department of Theater play production is earned, students undertake a creative journey in which they develop their acting through their role for the play production in a structured rehearsal process under the direction and instruction of the course instructor. Emulating professional actors, rehearsal processes, this concentrated creative journey in acting enables students to develop a character/role forward from page to stage, through completion of the following activities: (1) conducting research that informs participants, understanding about their role/character and also the play's socio-historical context, (2) play analysis activities that inform participants, understanding about the play's themes, form, and content, (3) formal rehearsals and other creative activities that develop participants, individual acting techniques and abilities, (4) formal rehearsals and other creative activities that develop participants, collaboration with the production's director, other actors of the play, and the production team, (5) execution of their role and the play in total for performances before a live audience. This course's meeting times are linked directly to the rehearsal meeting times of a play production and vary from week to week. The consent of the course instructor is required for participation in this course. This course may be repeated for credit.	Variable
TFT	1610	Theatre Practicum: Technical	This course offers students the opportunity to focus directly on the development and application of technical skills in theater production through a hands-on, experiential learning, practicum setting. Students will select one area of technical theater production for concentrated study. Technical theater areas of study could include (but are not limited to) the following specializations: scenic construction, properties construction, scenic painting, theatrical lighting technology (to include lighting control console set-up/operation for performances), theatrical sound technology (to include digital sound mixer set-up/operation for performances), costume technology, backstage run crew, and stage management. To develop a selected area of technical theater production, under the direction and instruction of the course instructor, students will complete projects that support the creative activity of an NHCC Department of Theater play production. This course's meeting times are linked directly to the Department of Theater's scenic shop's established build schedule and open shop hours (as determined by the Technical Director) as well as to the rehearsal meeting times of a play production (as determined by the production's director). Meeting times for this course will vary from week to week. The consent of the course instructor is required for participation in this course. This course may be repeated for credit.	Variable
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.	Variable
TFT	2010	Fundamentals of Directing	Fundamentals of Directing is open to any student who is interested in learning the basic skills necessary to become adept at directing. The student will learn about the wide variety of responsibilities a director assumes, as well as the range of knowledge every director needs to possess in order to communicate a story effectively on stage or screen. The course will cover the function of the director, script analysis, groundplan and blocking, working with the actor, creating a unified whole, and working collaboratively with a production team. In addition, the course will cover some of the similarities and differences between directing for the stage, film, and television. For students in careers outside the performing arts, this course offers opportunities to gain a deeper appreciation of the process of directing, increase personal self-confidence, and improve communication skills in a team setting. Pre-requisites: TFT 1500 or TFT 1540 or TFT 1210 or TFT 1250 or instructor permission.	3
TFT	2110	The NHCC Filmmaking Project: Capstone Class	The North Star Film Project: Capstone Class (TFT 2110) is an academic class in which film degree candidates shoot the short films they wrote in the Introduction to Screenwriting class. Students meet at least one hour per week in a laboratory format and produce their short films, learning to plan, rewrite, cast, shoot, edit, and mix their films into finished products, ready for viewing. Students in this class may have already participated in the North Star Film Project: Student Activity Class (TFT 1110). Students in the Student Activity Class (TFT 1110) function as actors and crew for those in the Capstone Class. Students in the AA Film Emphasis degree program should have done the following before taking this class: - a completed short film script from the Introduction to Screenwriting class (TFT 1280); - completed the Digital Video class (TFT1270); and - completed the Fundamentals of Directing class, (TFT 2010).	3
TFT	2150	Play Analysis	TFT2150: Play Analysis will introduce participants to a spectrum of methodologies, tools, and approaches for the formal analysis of theatrical plays. Analysis will approach plays scripts as blueprints for theatrical production: script analysis comprises a vital activity of play production that shapes active, critically informed practitioners. Texts studied will represent and include a spectrum of theatrical styles, genres (i.e., tragedy, comedy, epic theater, musicals), works by diverse racial/ethnic and gender identities, and works that exemplify leading historical eras of theater making. Participants will also engage secondary readings that locate plays within historical and contemporary discourses. Participants will come to understand numerous systematic methodologies for critically examining plays, the relationship between form and content in drama, the strategies, structures, and tropes of theatrical storytelling, and the aesthetic as well as socio-cultural work of theatrical representation.	3
TFT	2500	Playwriting	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.	3
TFT	2550	Acting II	This course continues to explore forms and modes of acting and script analysis as they pertain to the art of human expression and theatre performance introduced in TFT 1500: Acting I. Investigations will explore acting techniques that may include, but are not limited to, the works of Constantin Stanislavski, Sanford Meisner, Viola Spolin, Lee Strasberg, Michael Chekhov and Wesley Balk. In addition, focus on scene work from playwrights will be explored, rehearsed, and performed. Participants will develop methods of critical analysis to consider and interpret acting choices in performances of fully staged theater productions (recorded and live) as well as through presentation of exercises throughout the semester.	3