

# DEGREES AND CERTIFICATES

# Degrees and Certificates

*Inver Hills Community College offers two-year associate degrees including the general, liberal education Associate in Arts (A.A.) degree, the career-related Associate in Science (A.S.) degree, the Associate of Applied Science (A.A.S.) degree, and the specialized Associate in Fine Art (A.F.A.) degree. In addition, concentrated programs of study are available in certain areas as certificates. These degrees and certificates are described below.*

## Associate in Arts degree (A.A.)

The Associate in Arts degree (A.A.) is intended primarily for students who plan to transfer to another college to complete a bachelor's degree. The A.A. degree is a generalist liberal arts degree and no specific major is listed in conjunction with the degree. However, many students choose to concentrate in a particular field of study as preparation for a planned major at a four-year college or university. Students may choose to follow one of the emphases or develop an individual plan within the general A.A. degree. Both options are designed to identify the appropriate core of courses for transfer in a student's major to their chosen four-year college or university. At least 40 of the 60 credits must be taken within the Minnesota Transfer Curriculum (MnTC). Students are strongly encouraged to develop an educational plan in consultation with an Inver Hills counselor to assure that degree requirements are fulfilled.

Students may also complete the 2009-2011 AA planning form to help plan completion of an AA degree at Inver Hills.

### Objectives

Upon completion of the A.A. curriculum, the student will have acquired the following competencies:

- Knowledge of fundamental concepts and principles of the natural sciences, mathematics, history, behavioral sciences, arts and humanities
- The skills necessary to advance this knowledge; including skills in thinking, communication, and methods of inquiry in the various fields of knowledge
- Critical examination of the self and the fundamental values of our society
- Ability to apply general education to the vital issues of our times

## Distribution requirements—Associate in Arts degree (60 credits total)

All courses must be numbered 1000 or higher.

### Required Minnesota Transfer Curriculum Distribution\* (40 credits)

- MnTC Goal 1 Communication, 3 courses
- MnTC Goal 2 Critical Thinking, 0-1 course
- MnTC Goal 3 Natural Science, 2 courses
- MnTC Goal 4 Mathematical/Logical Reasoning, 1 course
- MnTC Goal 5 History/Social Sciences/Behavioral Sciences, 3 courses
- MnTC Goal 6 Humanities/Fine Arts/Literature, 3 courses
- MnTC Goal 7 Human Diversity, 1 course
- MnTC Goal 8 Global Perspective, 1 course
- MnTC Goal 9 Ethical and Civic Responsibility, 1 course
- MnTC Goal 10 People and the Environment, 1 course

\*Some courses may be applied to more than one goal area resulting in completion of the 10 goals with fewer than 40 credits. If this occurs, additional credits from the 10 goals listed must be taken to complete a minimum of 40 credits.

### Electives, liberal arts and pre-major (18 credits)

Courses numbered 1000 and above from any department may be used to fulfill these electives. These electives may be freely chosen or selectively used for transfer requirements. The emphases in the A.A. degree or individual educational plans developed with an academic counselor are used to focus these electives to meet transfer coursework for specific majors

### Health and Physical Education (2 credits)

See MnTC for more detailed information about the Physical Education and Health requirement.

## Associate in Arts degree with emphasis

Each of the emphasis areas of the Associate in Arts (A.A.) degree is designed to provide students with a listing of the core courses needed in preparation for transfer within that major. Earning an A.A. degree with an emphasis allows students to deepen their breadth of knowledge in a particular subject while also more thoroughly preparing them for the major at corresponding baccalaureate programs at several public and private four-year colleges and universities.

To earn the A.A. degree with Emphasis students will need to complete all requirements for a general A.A. degree, including the specific requirements of their chosen emphasis. Courses within specific emphases may satisfy either elective or MnTC requirements. Students satisfying graduation requirements for the degree will have the A.A. degree and the appropriate emphasis documented on their academic transcript.

Careful planning with an academic counselor is strongly advised to tailor any of the emphasis areas to meet the requirements of the student's chosen four-year college or university.

### Biology (29-30 credits)

#### Required

- BIOL 1154 General Biology: Cell to Organism, 5cr
- BIOL 1155 General Biology: Organism to Ecosphere, 5cr
- CHEM 1061 Principles of Chemistry I, 5cr
- CHEM 1062 Principles of Chemistry II, 5cr
- CHEM 2061 Organic Chemistry II, 5cr

#### Choose one course

- BIOL 2303 Genetics, 4cr
- BIOL 2305 Microbiology, 5cr
- BIOL 2301 Zoology, 4cr

### Chemistry (20 credits)

#### Required

- CHEM 1061 Principles of Chemistry I, 5cr
- CHEM 1062 Principles of Chemistry II, 5cr
- CHEM 2061 Organic Chemistry I, 5cr
- CHEM 2062 Organic Chemistry II, 5cr

## Communication (14-15 credits)

### Required

COMM 1100 Interpersonal Communication, 3cr  
 COMM 1110 Public Speaking, 3cr  
 COMM 2230 Small Group Communication, 3cr  
 COMM 2240 Intercultural Communication, 3cr

### Choose at least one course

COMM 1130 Effective Communication in Organizations, 3cr  
 COMM 1150 Computer-Mediated Communication, 3cr  
 COMM 2210 Oral Interpretation, 2cr  
 COMM 2250 Topics in Communication Studies, 3cr

## Exercise Science (15-17 credits)

### Required

PHED 1100 Introduction to Physical Education, 2cr  
 PHED 2100 Anatomical Kinesiology and Biomechanics, 3cr  
 HLTH 1110 Nutrition, 3cr  
 HLTH 1125 First Aid: Responding to Emergencies or 1126 Basic Life Support for Healthcare Providers or HLTH 1127 Community First Aid, Safety, and CPR, 1-3cr

HLTH 1155 Lifetime Fitness, 2cr

BIOL 2201 Anatomy and Physiology I, 4cr

### Recommended

BIOL 2202 Anatomy and Physiology II, 4cr  
 CHEM 1010 or 1061 Chemistry, 4-5cr

MATH 1103 Introduction to Statistics, 4cr

PSYC 1101 General Psychology, 4cr

HLTH 1130 Drug Use and Abuse, 3cr

Any other HLTH or PHED courses

## Film Studies (15 credits)

### Required

FS/THTR 1101 Introduction to Film, 3cr

FS/THTR 1103 International Cinema, 3cr

FS/THTR 1107 Film History I, 3cr

FS/THTR 1108 Film History II, 3cr

### Choose one course

FS/ENG 1104 Introduction to Screen Writing: Narrative or Non-Narrative, 3cr

FS/ENG 1106 Literature in Film, 3cr

FS 2250 Topics in Film Studies, 3cr

FS 2260 Genre Studies in Film, 3cr

SOC 1143 Sociology through Film, 3cr

## Global Studies (14-16 credits)

### Choose one course

ECON 1102 Survey of World Economy, 2cr

GEOG 1120 Global Economic Geography, 3cr

GS 2204 International Relations and Trade, 3cr

### Choose one course

GS 2202 International Society and Law, 3cr

HIST 1107 World Civilization II, 4cr

HIST 2125 History of World Religions: Ancient to Modern

Time, 4cr

### Choose two courses

HUM 1110 The Ancient World to the Renaissance, 3cr

HUM 1111 From the Baroque Period to the Modern World, 3cr

HUM 1120 Chinese Culture I, 3cr

HUM 1121 Chinese Culture II, 3cr

HUM 1130 German Culture and Civilization, 3cr

HUM 1140 Hispanic Cultures and Civilization, 3cr

GS 2203 Doing International Business, 3cr

PHIL 1110 Introduction to Philosophy, 3cr

PHIL 2201 Philosophy of Religion, 3cr

PHIL 1135 Philosophy East and West, 3cr

### Choose one course

ART 1109 World Art, 3cr

ART 2300 Architectural History, 3cr

FS/THTR 1103 International Cinema, 3cr

GS 2201 Culture of International Commerce, 3cr

GS 2250 Selected Topics in Global Studies, 3cr

## History (16 credits)

### Required (choose 2 courses)

HIST 1106 World Civilization I, 4cr

HIST 1107 World Civilization II, 4cr

HIST 1114 History of the United States I, 4cr

HIST 1115 History of the United States II, 4cr

### Recommended

HIST 1108 Introduction to Latin American History, 4cr

HIST 1118 Wartime: The Great War to War on Terror, 3cr

HIST 1122 The United States Since 1945, 3cr

HIST 1130 Minnesota History, 3cr

HIST 1135 History of the Family, 3cr

HIST 2120 Civil War, Reconstruction, Age of Business, 3cr

HIST 2125 World Religions, Ancient to Modern, 4cr

## Mathematics (21 credits)

### Required

MATH 1133 Calculus I, 5cr

MATH 1134 Calculus II, 5cr

MATH 2219 Multivariable Calculus, 5cr

MATH 2221 Linear Algebra, 3cr

MATH 2222 Differential Equations, 3cr

## Political Science (12 credits)

### Required

POLS 1111 American Politics and Government or

POLS 1101 Introduction to Political Science;

### Choose three additional courses

POLS 1111 American Politics and Government

(MnTC Goals 5, 9)

POLS 1101 Introduction to Political Science (MnTC Goals 5, 9)

POLS 1121 State and Local Government (MnTC Goals 5, 9)

POLS 1131 Introduction to World Politics (MnTC Goals 5, 8)

POLS 1141 Introduction to Environmental Politics

(MnTC Goals 5, 10)

POLS 1161 Constitutional Law (MnTC Goals 5, 9)

## Psychology (15-16 credits)

### Required

PSYC 1101 General Psychology, 4cr

PSYC 1260 Social Psychology, 3cr

PSYC 2250 Abnormal Psychology, 3cr

MATH 1103 Introduction to Statistics, 3cr

### Choose one course

PSYC 1140 Psychology of Women, 3cr

PSYC 1215 Child and Adolescent Psychology, 3cr

PSYC 1220 Adulthood and Aging Psychology, 3cr

PSYC 1230 Psychology of Death and Dying, 3cr

# Degrees and Certificates

## Theatre (12-13 credits)

### Required

THTR 1105 Introduction to Theatre, 3cr

THTR 1152 Beginning Acting, 3cr

THTR 1157 Theatre Makeup, 2cr

### Choose one course

THTR/FS 1101 Introduction to Film, 3cr

THTR 1153 Advanced Acting, 2cr

THTR 1158 Creative Dramatics, 2cr

## Teacher Education (credits vary)

See an academic counselor for course choices and information about transfer.

## Associate in Science degree (A.S.)

The Associate in Science degree (A.S.) is intended for those students who wish to balance liberal arts education with career-oriented classes. The primary purpose of the degree is to provide the credentials for a specific career and to prepare graduates for admission to a four-year college. The extent to which credits transfer to a four-year college varies with the specific program completed and the subsequent major selected. Specific transfer agreements exist with selected four-year colleges for each A.S. program; check with an academic counselor.

Credit and course requirements are unique for each program. Refer to the curriculum requirements listed in the Programs of Study section for specific requirements of each A.S. degree program. Approximately one-half of the course work consists of liberal arts or general education credits and one-half is career-oriented courses.

### A.S. degree programs

- Accounting
- Aviation (Business Aviation, Professional Pilot, Security)
- Biology
- Biomedical Technologist
- Chemistry
- Computer Science
- Construction Management
- Contemporary Business
- Criminal Justice
- Emergency Medical Services
- Environmental Science
- Human Service Worker
- Individualized Professional Studies
- Law Enforcement
- Legal Administrative Assistant
- Nursing
- Paralegal
- Physical Education
- Teacher Education

## Associate in Applied Science degree (A.A.S.)

The Associate in Applied Science degree (A.A.S.) is intended for those students who plan to use the competence gained through their degree for immediate employment. The A.A.S. degree is granted in a specific major and typically at least one-half of the course work is in the program area, approximately one-third is in general education and liberal arts, and the balance of credits are either in the program area or general education depending on the specific major chosen.

### A.A.S. degree programs

- Building Inspection Technology
- Computer Programmer
- Contemporary Business Practice
- Microcomputer Software Support Specialist
- Networking Technology and Security

### Transfer

The A.A.S. degree is not designed to transfer to a four-year college. However, the general education and liberal arts courses typically do transfer and some of the career-oriented courses (taken at Inver Hills) may also transfer to specific majors at selected schools. Students are encouraged to consult with an Inver Hills counselor for information about transferring credits to other colleges and universities.

## Associate in Fine Art (A.F.A.)

The Associate in Fine Art Degree is a two year degree for students pursuing their Bachelor of Fine Arts degree and for students interested in entering the art job market. Students will take 30 credits in general requirements and 30 credits in art. A portfolio class in the final semester will prepare the students by teaching skills in documentation, resume, artist statement, and application to schools, jobs, grants, and exhibitions.

The AFA degree will give art students a strong foundation for transfer to a four year institution. The focus will be on taking Art History, Introductory Studio Art, Design courses, and two advanced courses in their area of focus. Students should be able to transfer with junior status to a four year institution.

## Certificates

Concentrated programs of study are available in certain areas as Certificates. Certificates are awarded to students upon completion of a specific career program with a grade-point average of at least 2.00. It is designed for those students who wish to develop vocational skills for entry-level employment in specific career areas. Certificates are recorded on a student's transcript.

- Advanced Network Technology
- Biomedical Technician
- Biomedical Clinical Research Professional
- Building Inspection Technology Core
- Building Inspection Technology
- Building Permit Technician
- Child Care Teacher
- China Studies
- Community Health Care Worker
- Construction Management
- Criminal Justice
- Customer Service (Business)
- Emergency Medical Technician
- Human Resource Management (Business)
- Human Services Assistant
- Innovative Technology and Instruction
- IT Help Desk
- IP Telephony
- Legal Administrative Assistant
- Network Security
- Nursing Assistant
- Office Technology
- Paralegal
- Paramedic
- Pre-CCJLE (Criminal Justice)
- Professional Writing
- Project Management (Business)
- Sales & Marketing (Business)
- Small Business Development (Business)
- Supervision (Business)
- TESOL

## **Certificate completion**

Current students who are pursuing a certificate must apply to graduate. Students should complete the Application for Certificate or Diploma Completion form (a pdf document). Once the application is complete, students should submit the form to the Office of Enrollment Services. Directions for submitting the application are located on the form.

# Transfer Programs

*This part of the catalog includes details about transferring from Inver Hills to other colleges and universities, particularly to bachelor's degree programs. The sections below describe how transfer works and how to plan effectively for transfer; joint program agreements in place with particular institutions; and the Minnesota Transfer Curriculum (MnTC) predetermined equivalent courses that meet degree requirements across many colleges and universities.*

*Students are encouraged to complete transfer requirements as part of an Associate in Arts degree program.*

## Transfer information

Minnesota's colleges and universities are working to make transfer easier. Students can help if they plan ahead, ask questions, and use the established pathways created by transfer agreements. Inver Hills counselors will assist students in planning the sequence of courses necessary to fulfill transfer program requirements. Copies of transfer guides and equivalency guides for many of these programs are available in the Counseling Office in the College Center Building. In addition, many colleges and universities send representatives to Inver Hills to answer questions. To ease transfer, students should follow these steps:

1. Discuss their plans with an Inver Hills counselor.
2. Call or visit their intended transfer college. They should obtain the following materials and information:
  - College catalog
  - Transfer brochure
  - Information on admissions criteria and on materials required for admission (e.g., portfolio, transcripts, test scores). Students should note that some majors have limited enrollments and special requirements such as a higher grade point average.
  - Information on financial aid procedure and deadlines (how to apply and by what date).
3. After reviewing these materials, students should make an appointment to talk with an adviser/counselor in the college or program they want to enter.

### Understanding how transfer of credit works

1. The receiving college or university decides what credits transfer and whether those credits meet its degree requirements. The accreditation of both the sending and the receiving institution can affect the transfer of the credits.
2. Institutions accept credits from courses and programs like those they offer. They look for similarity in course goals, content, and level. "Like" transfers to "like."
3. Not everything that transfers will help a student graduate. Baccalaureate degree programs usually count credits in three categories: general education; major/minor courses and prerequisites; and electives. The key question is, "Will the credits fulfill requirements of the degree or program the student has chosen?"
4. If a student changes career goals or major, he or she might not be able to complete all degree requirements within the usual number of graduation credits.

### Applying for transfer admission

1. Completing an Application for Admission is always the first step in transferring. The student should fill out the application as early as possible to meet the deadline. Enclosing the application fee is essential.

2. Official transcripts should be sent from every institution the student has attended. A high school transcript or GED test scores may be required as well.
3. The student should confirm that all necessary documentation has been supplied. Most colleges make no decisions until all required documents are in the applicant's file.
4. After the college notifies the student that he or she has been accepted for admission, submitted transcript credits will be evaluated for transferable credits. A written evaluation will be provided when the student arrives for orientation or has chosen a major.
5. If the student has questions about his or her evaluation, the student should speak with a counselor. The student should ask why judgments were made about specific courses. Many concerns can be cleared up if the student understands why the decisions were made. If not satisfied, the student can appeal.

### The student's rights in transferring

When transferring, students have the right to the following:

1. A clear, understandable statement of an institution's transfer policy
2. A fair credit review and an explanation of why credits were or were not accepted
3. A copy of the formal appeals process. Usual appeals steps are:
  - Student fills out an appeals form. Supplemental information the student provides to reviewers—a syllabus, course description, or reading list—can help
  - Department or committee will review
  - Student receives, in writing, the outcome of the appeal
  - Student can appeal decision to the Vice President of Academic Affairs and Student Development
4. At the student's request, a review of eligibility for financial aid or scholarships will be conducted

## Joint programs

Inver Hills Community College has formed partnerships with a number of institutions of higher learning. A key part of these relationships is "articulation agreements" between the schools that specify programs of study and course sequences that are guaranteed to transfer from Inver Hills to related programs. Joint programs are listed below.

### Minnesota Transfer Curriculum

A 40-credit liberal arts core designed to transfer to all the Minnesota state universities, the University of Minnesota, Augsburg College, Concordia University (St. Paul), College of St. Scholastica and the University of Wisconsin-River Falls. See page 44 for details.

### MnSCU Statewide Nursing Articulation Agreement

An articulation agreement designed to provide seamless transition from one level of nursing education to another without revalidation of specific courses. The Associate in Science Degree in Nursing transfers to the baccalaureate institution as a whole package of nursing major and supporting courses.

## **Augsburg College**

Elementary Education with Middle School Specialty Areas  
Physical Education Teaching  
Special Education

## **Bemidji State University**

Industrial Technology  
Distributed Learning In Teaching Education (DLiTE)

## **Bethel University**

Business Management  
Christian Ministries  
Communication Studies  
Human Resource Management  
Nursing  
Organizational Leadership

## **Capella University**

Community College Alliance program agreement

## **Cardinal Stritch**

Accounting  
Computer Science  
Contemporary Business  
Contemporary Business Practice  
Computer Programmer  
Human Services  
Network Technology and Security  
Microcomputer Software Support Specialist

## **College of St. Scholastica**

Human Services

## **Concordia University, St. Paul**

Physical Education

## **Embry-Riddle University**

Business Aviation  
Professional Pilot

## **Franklin University**

Accounting  
Applied Management  
Business Administration  
Computer Science  
Digital Communication  
Health Care Management  
Information Technology  
Management  
Management Information Sciences  
Public Safety Management

## **Hamline University**

Paralegal

## **Metropolitan State University**

Accounting  
Applied Mathematics  
Business Administration  
Business Aviation  
Computer Information Systems

Computer Science

Criminal Justice

Early Childhood Education - Urban Teacher

Emergency Health Services

English

Human Services

Interior Design Emphasis in Individualized Professional Studies  
(Joint with Dakota County Technical College)

Law Enforcement

Legal Office Assistant

Paralegal

Professional Communication

Professional Pilot

Secondary and Middle School Teaching Licensure - Urban  
Teacher

Social Science

Women's Studies

Writing

## **Minnesota State University – Mankato**

Art

## **University of Minnesota – Program for Individualized Learning**

Individualized Professional Skills

## **Inver Hills – University of Minnesota Cooperative Admissions Program Minnesota Cooperative Admissions Program (MnCAP)**

A cooperative arrangement between the University of Minnesota-Twin Cities and MnSCU to facilitate the transfer of students from Minnesota's public two-year campuses to the College of Liberal Arts (CLA) at the University of Minnesota's Twin Cities campus. Under this agreement, students who have missed the application deadline or are denied admission to CLA and choose to attend Inver Hills will be assured admission to the College of Liberal Arts when they meet certain conditions. Students will work with counselors and admission personnel from Inver Hills and the University's Office of Admissions to define the specific conditions for transfer.

Students who are interested in this program should begin the process by applying for admission to the University of Minnesota, College of Liberal Arts.

## **St. Cloud State University**

Physical Education Teaching

## **St. Mary's University – Minneapolis**

Transfer agreement for all A.A., A.S., A.A.S., Certificate and Diploma programs

## **University of North Dakota**

Accounting

Airport Management

Art

Atmospheric Sciences

Aviation Management

Banking and Financial Economics

Biology

Business Economics

Chemical Engineering

Chemistry

Chemistry (Biochemistry Emphasis)

# Transfer Programs

Chemistry (Health Sciences Option)  
Civil Engineering  
Commercial Aviation  
Community Nutrition  
Dietetics  
Electrical Engineering  
Elementary Education  
Elementary Ed/Middle Level Ed  
English  
French  
Geography  
Geological Engineering  
German  
History – Option A  
History – Option B  
Industrial Technology  
Information Systems  
Investment  
Management  
Marketing  
Mathematics  
Mechanical Engineering  
Nursing  
Occupational Safety and Environmental Health  
Physics  
Political Science  
Pre-Prof for Dental, Medical, Optometry  
Psychology  
Public Administration  
Science  
Social Studies  
Sociology  
Spanish  
Theatre Arts

## University of Wisconsin-Green Bay

Nursing

## University of Wisconsin-River Falls

Art

## University of Wisconsin-Stout

Human Services

## Winona State University

Physical Education

## Minnesota Transfer Curriculum (MnTC)

Public colleges and universities in Minnesota have developed a common liberal arts education curriculum called the Minnesota Transfer Curriculum. Completion of this defined transfer curriculum (40 credits) at one institution enables a student to receive credit for all lower-division general education requirements upon admission to any other Minnesota public institution.

The Transfer Curriculum is intended to achieve the following 10 goals. Each is listed with the corresponding Inver Hills courses which fulfill the Minnesota Transfer Curriculum goal.

### Goal 1: Communication, 3 courses

Develop writers and speakers who use the English language effectively and who read, write, speak, and listen critically. To help assure success in other course work, students are encouraged to fulfill introductory communication requirements as early as possible in their collegiate studies.

*One COMM course, ENG 1108, and one additional composition course*

COMM 1100 Interpersonal Communication

COMM 1110 Public Speaking

COMM 2230 Small Group Communication

ENG 1108 Writing and Research Skills

ENG 1111 Research Writing in the Disciplines

ENG 1114 The Research Paper

### Goal 2: Critical Thinking, 0-1 course

Develop thinkers who are able to unify factual, creative, rational, and value-sensitive modes of thought. Critical thinking is taught and used throughout the general education curriculum to develop students' awareness of their own thinking and problem-solving procedures.

*May be fulfilled by courses in Goals, 1, 3, and 4.*

*Additional courses listed below may be taken in this area to fulfill the 40-credit curriculum.*

COMM 1130 Effective Communication in Organizations

ENG 1116 Writing for the Web

ENG 1118 Technical Document Design, Editing, And Portfolio Preparation

GEOG 1119 Map Interpretation

INTS 1132 Effective Writing in Organizations

INTS 1145 Introduction to Technical Writing

PHIL 1125 Critical Thinking

### Goal 3 Natural Sciences, 2 courses

Improve students' understanding of natural science principles and methods of scientific inquiry.

*Must include at least one course from category A and one from category B.*

*At least one course must include a lab.*

### Goal 3A: Life Sciences

BIOL 1107 Biology of Women

BIOL 1110 Human Biology Laboratory

BIOL 1114 Critical Issues In Human Biology

BIOL 1115 Critical Issues in Human Biology (with lab)

BIOL 1117 Environmental Science (with lab)

BIOL 1120 Exploring Biology

BIOL 1154 Biology: From Cell To Organism

BIOL 1155 General Biology: From Organism to Ecosphere

BIOL 2201 Anatomy and Physiology I

BIOL 2202 Anatomy and Physiology II

BIOL 2205 Microbiology

BIOL 2301 Zoology

BIOL 2303 Genetics

BIOL 2305 Principles of Microbiology

BIOL 2306 General Ecology

### Goal 3B: Physical Sciences

CHEM 1010 Introductory Chemistry

CHEM 1061 Principles of Chemistry I

CHEM 1062 Principles of Chemistry II

GEOG 1140 Meteorology

GEOG 1400 Climatology

GEOL 1101 Physical Geology

GEOL 1105 Historical Geology

GEOL 1115 Natural Disasters

PHYS 1020 Descriptive Astronomy  
 PHYS 1030 Descriptive Physics  
 PHYS 1041 Algebra and Trig Based Physics I  
 PHYS 1042 Algebra and Trig Based Physics II  
 PHYS 1081 Calculus Based Physics I  
 PHYS 1082 Calculus Based Physics II

#### **Goal 4: Mathematical/Logical Reasoning, 1 course**

Increase students' knowledge of mathematical and logical modes of thinking in order to appreciate the breadth of mathematical applications, evaluate arguments, and detect false reasoning.

MATH Any course above 1001

PHIL 1120 Logic\*

CS 1118 Discrete Structures of Computer Science

*\* Minnesota preparation standards for college require the successful completion of the first three years of a high school mathematics sequence through intermediate algebra or its equivalent.*

#### **Goal 5: History, Social Sciences, and Behavioral Sciences, 3 courses**

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.

*Must include courses from at least two disciplines*

ANTH 1100 Introduction to Anthropology  
 ANTH 1110 Cultural Anthropology  
 COMM 2240 Intercultural Communication  
 ECON 1100 Economics For Consumers  
 ECON 1102 Survey of the World Economy  
 ECON 1105 Principles of Macroeconomics  
 ECON 1106 Principles of Microeconomics  
 GEOG 1100 World Regional Geography  
 GEOG 1115 Human Geography  
 GEOG 1120 Global Economic Geography  
 GEOG 1130 Minnesota Geography  
 HIST 1106 World Civilizations I  
 HIST 1107 World Civilizations II  
 HIST 1108 Introduction To Latin American History  
 HIST 1114 History of the United States I  
 HIST 1115 History of the United States II  
 HIST 1118 Wartime: The Great War To The War On Terror  
 HIST 1120 Global Era: The World Since 1960  
 HIST 1122 The United States Since 1945: The Consequences of Power  
 HIST 1130 Minnesota History  
 HIST 1135 History of Family: A Cross-Cultural Perspective  
 HIST 2120 Civil War, Reconstruction, and the Age of Business  
 HIST 2125 History of World Religions: Ancient to modern times  
 HSER 1140 Human Sexuality

INTS 1140 Human Sexuality  
 INTS 2250 Issues and Perspectives  
 POLS 1101 Introduction to Political Science  
 POLS 1111 American Government  
 POLS 1121 State and Local Government  
 POLS 1131 World Politics  
 POLS 1141 Introduction To Environmental Politics  
 POLS 1161 Constitutional Law  
 POLS 2250 Special Topics  
 PSYC 1101 General Psychology  
 PSYC 1140 Psychology of Women  
 PSYC 1210 Lifespan Psychology  
 PSYC 1215 Child and Adolescent Psychology  
 PSYC 1220 Adulthood and Aging Psychology  
 PSYC 1230 Psychology of Death and Dying  
 PSYC 1260 Social Psychology  
 PSYC 2250 Abnormal Psychology  
 PSYC 2251 Special Topics in Psychology  
 SOC 1100 Introduction to Sociology  
 SOC 1126 Sociology of Deviance  
 SOC 1127 Social Inequalities: Race, Class, & Gender  
 SOC 1130 Family & Society  
 SOC 2140 Religions and Society  
 SOC 2141 Sociology of Music  
 SOC 2142 Mind, Self, and Society  
 SOC 2143 Sociology Through Film  
 SOC 2250 Special Topics: Civic  
 SOC 2251 Special Topics Global Perspective

#### **Goal 6: The Humanities, Fine Arts and Literature, 3 courses**

To expand students' knowledge of the human condition and human cultures, especially in relation to behaviors, ideas, and values as expressed in works of human imagination and thought.

*Must include at least one course from each category*

#### **Goal 6A: Fine Arts**

ART 1100 Introduction to Art  
 ART 1106 Art History: Ancient-1400  
 ART 1107 Art History: Renaissance to Present  
 ART 1109 World Art  
 ART 1114 Beginning Drawing  
 ART 1115 Advanced Drawing (Life Drawing)  
 ART 1120 Design: 2 Dimensional & Color  
 ART 1121 Beginning Digital Photography  
 ART 1122 Advanced Digital Photography  
 ART 1131 Beginning Digital Photography (with lab)  
 ART 1132 Advanced Digital Photography (with lab)  
 ART 1196 3-D Design  
 ART 2100 Beginning Sculpture  
 ART 2101 Advanced Sculpture  
 ART 2200 Beginning Ceramics  
 ART 2201 Advanced Ceramics  
 ART 2207 Beginning Glass  
 ART 2217 Advanced Glass  
 ART 2250 Special Topics In Art  
 ART 2251 Beginning Painting

ART 2252 Advanced Painting  
 ART 2300 Architectural History  
 COMM 2210 Oral Interpretation of Literature  
 ENG 1112 Creative Writing  
 ENG 2251 Special Topics in Writing  
 JOUR 1130 Writing for Mass Media  
 MUSC 1104 Class Piano  
 MUSC 1106 Intermediate Class Piano  
 MUSC 1107 Beginning Class Voice  
 MUSC 1109 African Drum and Dance  
 MUSC 1110 Music Fundamentals  
 MUSC 1118 Beginning Drumset Percussion  
 MUSC 1119 Beginning Class Guitar  
 MUSC 1120 Intermediate Class Guitar  
 MUSC 1140 Music Appreciation  
 MUSC 1141 Pathways to Jazz  
 MUSC 1143 History of Rock and Roll  
 MUSC 1144 Broadway Musicals  
 MUSC 1145 Music Of The World's Cultures  
 MUSC 1146 Music in Film  
 MUSC 2220 Music for the Whole Child  
 MUSC 2250 Special Topics in Music  
 THTR 1101 Introduction to Film  
 THTR 1103 International Cinema  
 THTR 1105 Introduction to Theater  
 THTR 1152 Beginning Acting  
 THTR 1153 Advanced Acting  
 THTR 1157 Theatre Makeup  
 THTR 1158 Creative Dramatics

#### **Goal 6B: Humanities**

ENG 1104 Introduction to Screenwriting: Narrative or Non-narrative Forms  
 ENG 1106 Literature in Film  
 ENG 1140 Introduction to Literature  
 ENG 1150 The American Immigrant Experience  
 ENG 1170 Introduction to British Authors  
 ENG 1171 Introduction to American Authors  
 ENG 1180 Introduction to World Literature  
 ENG 2235 Mythic Stories: Cultural and Personal  
 ENG 2236 African American Literature  
 ENG 2237 The Short Story  
 ENG 2238 Contemporary Fiction  
 ENG 2239 Images of Women in Literature  
 ENG 2240 Representations of the Body in Literature and Culture  
 ENG 2250 Special Topics in Literature  
 ENG 2252 The Novel  
 ENG 2253 Shakespeare  
 FS 1101 Introduction to Film  
 FS 1103 International Cinema  
 FS 1104 Introduction to Screenwriting: Narrative or Non-narrative Forms  
 FS 1106 Literature in Film  
 FS 1107 Film History I  
 FS 1108 Film History II  
 FS 1115 Films of the Holocaust  
 FS 2250 Topics in Film Studies  
 FS 2260 Genre Studies In Film  
 HUM 1110 The Ancient World to the Renaissance

# Transfer Programs

HUM 1111 From the Baroque Period to the Modern World  
 HUM 1115 Films of the Holocaust  
 HUM 1120 Chinese Culture: Ancient Period to 1644  
 HUM 1121 Chinese Culture: 1644 to Modern Era  
 HUM 1130 German Culture and Civilization  
 HUM 1135 Indigenous Cultures Of Ancient Middle America  
 HUM 1140 Hispanic Cultures & Civilization  
 HUM 1150 French Culture & Civilization  
 HUM 1170 A Problem From Hell: Genocide & War Crimes From A Human Rights Perspective  
 HUM 1177 Holocaust Through Multiple Lenses  
 HUM 2250 Special Topics in Humanities  
 PHIL 1110 Introduction to Philosophy  
 PHIL 1135 Philosophy East & West  
 PHIL 2201 Philosophy of Religion  
 PHIL 2250 Special Topics in Philosophy  
 THTR 1107 Film History I  
 THTR 1108 Film History II

## Goal 7: Human Diversity, 1 course

Increase students' understanding of individual and group differences (e.g. race, gender, and class) and their knowledge of the traditions and values of various groups of the United States.

ANTH 1101 Introduction to American Culture  
 COMM 1100 Interpersonal Communication  
 COMM 2250 Topics in Communication Studies  
 ENG 1150 The American Immigrant Experience  
 ENG 2236 African American Literature  
 ENG 2238 Contemporary Fiction  
 ENG 2239 Images of Women in Literature  
 ENG 2240 Representations of the Body in Literature and Culture  
 ENG 2252 The Novel  
 GEOG 1105 Geography of U. S. and Canada  
 GEOG 1130 Minnesota Geography  
 HIST 1135 History of Family: A Cross-Cultural Perspective  
 INTS 1103 Adults with Disabilities  
 PSYC 1140 Psychology of Women  
 PSYC 1260 Social Psychology  
 SOC 1100 Introduction to Sociology  
 SOC 1126 Sociology of Deviance  
 SOC 1127 Social Inequalities: Race, Class, & Gender  
 SOC 2140 Religions and Society  
 SOC 2141 Sociology of Music  
 SOC 2142 Mind, Self, and Society  
 SOC 2143 Sociology Through Film

## Goal 8: Global Perspective, 1 course

Increase students' understanding of the growing interdependence of nations and peoples and develop their ability to utilize a comparative perspective across cultural, social, economic and political experiences.

ANTH 1100 Introduction to Anthropology  
 ANTH 1101 Introduction to American Culture  
 ANTH 1110 Cultural Anthropology  
 ART 1100 Introduction to Art  
 ART 1106 Art History: Ancient-1400  
 ART 1107 Art History: Renaissance to Present  
 ART 1109 World Art  
 ART 2300 Architectural History  
 ASL 1101 American Sign Language I  
 ASL 1102 American Sign Language II  
 CHIN 1101 Beginning Chinese I  
 CHIN 1102 Beginning Chinese II  
 CHIN 2201 Intermediate Chinese I  
 CHIN 2202 Intermediate Chinese II  
 COMM 2240 Intercultural Communication  
 ECON 1102 Survey of the World Economy  
 ECON 1106 Principles of Microeconomics  
 ENG 1180 Introduction to World Literature  
 ENG 2235 Mythic Stories: Cultural and Personal  
 FREN 1101 Beginning French I  
 FREN 1102 Beginning French II  
 FREN 2201 Intermediate French I  
 FREN 2202 Intermediate French II  
 FS 1101 Introduction to Film  
 FS 1103 International Cinema  
 FS 1107 Film History I  
 FS 1108 Film History II  
 FS 1115 Films of the Holocaust  
 GEOG 1000 Introduction to Geography: The Earth as the Home for Humans  
 GEOG 1100 World Regional Geography  
 GEOG 1115 Human Geography  
 GEOG 1120 Global Economic Geography  
 GERM 1101 Beginning German I  
 GERM 1102 Beginning German II  
 GERM 2201 Intermediate German I  
 GERM 2202 Intermediate German II  
 GS 2201 Topics: Culture of International Commerce  
 GS 2202 Topics: International Society & Law  
 GS 2203 Topics: Doing International Business  
 GS 2204 Topics: International Relations & Trade  
 GS 2250 Topics in Global Studies  
 GS 2290 International Experience w/ Travel  
 GS 2291 International Experience  
 HIST 1106 World Civilizations I  
 HIST 1107 World Civilizations II  
 HIST 1108 Introduction To Latin American History  
 HIST 1114 History of the United States I  
 HIST 1115 History of the United States II  
 HIST 1120 Global Era: The World Since 1960  
 HIST 1122 The United States Since 1945: The Consequences of Power  
 HIST 2125 History of World Religions: Ancient to Modern Time  
 HUM 1110 The Ancient World to the Renaissance  
 HUM 1111 From the Baroque Period to the Modern World  
 HUM 1115 Films of the Holocaust

HUM 1120 Chinese Culture: Ancient Period to 1644  
 HUM 1121 Chinese Culture: 1644 to Modern Era  
 HUM 1130 German Culture and Civilization  
 HUM 1135 Indigenous Cultures Of Ancient Middle America  
 HUM 1140 Hispanic Cultures & Civilization  
 HUM 1150 French Culture & Civilization  
 HUM 2250 Special Topics in Humanities  
 INTS 1125 Creative Problem Solving  
 MUSC 1145 Music Of The World's Cultures  
 PHIL 1135 Philosophy East & West  
 PHIL 2201 Philosophy of Religion  
 POLS 1131 World Politics  
 SOC 2251 Special Topics Global Perspective  
 SPAN 1101 Beginning Spanish I  
 SPAN 1102 Beginning Spanish II  
 SPAN 2201 Intermediate Spanish I  
 SPAN 2202 Intermediate Spanish II  
 THTR 1101 Introduction to Film  
 THTR 1103 International Cinema  
 THTR 1107 Film History I  
 THTR 1108 Film History II

## Goal 9: Ethical and Civic Responsibility, 1 course

Develop students' capacity to identify, discuss, and reflect upon the ethical dimensions of political, social, and personal life, and to understand responsible and productive citizenship.

BIOL 1114 Critical Issues In Human Biology  
 BIOL 1115 Critical Issues in Human Biology (with lab)  
 COMM 1150 Computer-Mediated Communication  
 HIST 1118 Wartime: The Great War To The War On Terror  
 HSER 1140 Human Sexuality  
 HUM 1170 A Problem From Hell: Genocide & War Crimes From A Human Rights Perspective  
 HUM 1177 Holocaust Through Multiple Lenses  
 INTS 1125 Creative Problem Solving  
 INTS 1140 Human Sexuality  
 JOUR 1101 Introduction to Mass Media  
 PHIL 1112 Ethics  
 PHIL 1130 Environmental Ethics  
 PHIL 2250 Special Topics in Philosophy  
 POLS 1101 Introduction to Political Science  
 POLS 1111 American Government  
 POLS 1161 Constitutional Law  
 POLS 1121 State and Local Government  
 PSYC 1230 Psychology of Death and Dying  
 SOC 2250 Special Topics: Civic

## Goal 10: People and the Environment. 1 course

Improve students' understanding of today's complex environmental challenges.

BIOL 1001 Humans in the Ecosystem: Renewable Energy  
 BIOL 1002 Humans in the Ecosystem: Gulf Coast

BIOL 1116 Environmental Science (no lab)  
BIOL 1117 Environmental Science (with lab)  
GEOG 1000 Introduction to Geography: The Earth as the Home for Humans  
GEOG 1105 Geography of United States and Canada  
GEOG 1112 Physical Geography  
GEOG 1140 Meteorology  
GEOG 1400 Climatology  
GEOL 1101 Physical Geology  
GEOL 1105 Historical Geology  
GEOL 1115 Natural Disasters  
HIST 1130 Minnesota History  
PHIL 1130 Environmental Ethics  
POLS 1141 Introduction to Environmental Politics

### **Courses that fulfill Physical Education and Health requirement (2 credits)**

This requirement is part of the Associate in Arts (A.A.) degree, not a part of the MnTC.

#### A. Physical Education (1 credit)

PHED 1101 Aerobics  
PHED 1102 Yoga  
PHED 1103 Tai Chi  
PHED 1106 Bowling  
PHED 1109 Weight Training  
PHED 1110 Conditioning  
PHED 1118 Golf  
PHED 1123 Body Shaping and Toning  
PHED 1124 Recreational Activities  
PHED 1127 Law Enforcement Physical Skills Training  
PHED 1129 Racket Sports  
PHED 1130 Softball  
PHED 1135 Downhill Activities  
PHED 1144 Volleyball  
PHED 1145 Walking and/or Jogging for Fitness  
PHED 1148 Karate  
PHED 1150 Women's Self-Defense  
PHED 1157 Fitness for Emergency Services  
PHED 1180 Approved Activity  
PHED 2200 Flat Water Canoe  
PHED 2201 Outdoor Activity Sampler  
PHED 2208 Backpacking  
PHED 2210 Winter Skills  
PHED 2214 Wilderness Navigation

#### B. Health (1 credit)

HLTH 1110 Nutrition  
HLTH 1120 Personal and Community Health  
HLTH 1123 Stress Management  
HLTH 1124 Alcohol and College Life  
HLTH 1125 First Aid: Responding to Emergencies  
HLTH 1126 Basic Life Support for Healthcare Providers  
HLTH 1127 Community First Aid, Safety and CPR  
HLTH 1128 Communicable Disease Topics  
HLTH 1129 Tai Chi

HLTH 1130 Drug Use/Abuse  
HLTH 1155 Lifetime Fitness (counts as 1cr Health and 1cr Physical Education)

# SPECIAL ACADEMIC PROGRAMS

# Special Academic Programs

## Honors Program

The Honors Program provides the opportunity to expand students' knowledge in greater depth and breadth in order to better address contemporary challenges of today's world. The Honors Program provides the careful guidance, personal instruction, and learning environment needed to foster the achievement of individual goals and ambitions. There are several honors opportunities available, including honors seminars, honors sections offered through a regularly offered class, and an independent study option for honors students.

All high school seniors and graduates may apply. The admission requirements are:

1. College grade-point average of 3.25 or above OR
2. High school grade-point average of 3.25 and letter of recommendation from an instructor.

## Adult Success through Accelerated Programs (ASAP)

ASAP is designed for busy adults who want to earn a college degree at an accelerated, flexible, and independent pace. A variety of options are offered for completing a degree including:

- Individualized education planning: Complete a 3 credit course that helps you create a two and/or four year seamless transfer degree roadmap incorporating your personal and professional goals, past college credits, and work and life experiences.
- Individualized Professional Studies degree option: Create a plan that fits your life's work...with a specialized focus on your current career and future advancement.
- Accelerated eight-week courses that have one meeting per week: Allows you to take two courses a semester attending just one night a week or Saturday mornings. Online courses are also an option.
- Corporate and community course locations: Convenient for your busy life schedule.
- Credit for Prior Learning: Demonstrate your knowledge and skills gained through work and life experiences to receive college credit.

The ASAP mission is to help experienced and reflective adults with diverse backgrounds achieve their personal and professional goals by providing individualized educational choices in a supportive learner-centered environment. Call the ASAP department (651-450-8367) or visit the web site: [www.inverhills.edu/asap](http://www.inverhills.edu/asap).

ASAP at Inver Hills has been designated as an Adult Learning Focused Institution (ALFI) by the Council for Adult Experiential Learning (CAEL), one of only 22 in the country and the only ALFI community college.

# Continuing Education

## Center for Professional and Workforce Development

Inver Hills Community College is committed to enhancing local business and business development. Through the Center for Professional and Workforce Development, the college can help organizations extend their competitive advantage with training and educational programs designed with client business goals and requirements in mind.

Whether the need is for large-scale training for several hundred workers or improving the effectiveness of a small work group or a key manager, the Center for Professional and Workforce Development can help find the best solution.

The Center for Professional and Workforce Development delivers training and continuing education in nine areas outlined below.

### Customized training

Extend business advantage with training and educational programs designed with client goals and requirements in mind. The Center for Professional and Workforce Development can customize a training program to specific needs including content, location and time of delivery.

With our e-learning programs, we can create and/or convert traditional training programs to an e-learning delivery format.

### IT training

Networking technology and security, including Cisco certification (CCNA and CCNP); Network Security (LANs, WANs, and Wireless); IP Telephony (foundation, quality of service, planning and design); Microsoft certification (MCSA, MCSP); and IT certification testing (VUE Testing Center). The Center provides flexible training for technical and non-technical employees, managers, and individuals. We offer both instructor-led classes and online courses.

### Supervision and management

We specialize in leadership and change management skills, and personal effectiveness skills. Personal coaching for professionals is confidential, focused and results-oriented and includes individual, group and relationship coaching.

### Communication

Enhance productivity and career options through our technical and business writing classes. In addition, IHCC offers English as a Second Language (ESL); occupational English; and numerous second language courses.

### Quality

Improve productivity and reduce waste through our Six Sigma and LEAN programs.

### Paralegal Continuing Education

Enhance career skills and opportunities in an excellent job market by taking courses taught by top legal professionals.

### Medical Office

Insurance coding and billing coursework, includes medical terminology, CPT, and ICD-9-CM coding.

## Nursing and emergency medical services

Emergency medical providers training and continuing education. Includes CPR, first aid, blood borne pathogens and advanced training in emergency medical services. For nursing and health care providers: NCLEX review, nursing, and continuing education topics.

### Compliance

Training in requirements related to: Occupational Safety & Health Administration (OSHA); Pollution Control Agency (PCA) Environmental Protection Agency (EPA); National Fire Protection Association (NFPA).

## Certification and re-licensure courses

Continuing education for nursing and allied health provides educational opportunities for registered nurses and licensed practical nurses to remain current in their practice and meet re-licensure requirements of the Minnesota Board of Nursing.

Continuing Education opportunities for re-licensure are offered for emergency medical technicians, long-term care workers, social workers, teachers and real estate professionals. Individuals can earn CPIM and CIRM certification through classes offered cooperatively with the American Production and Inventory Control Society (APICS).

### From our clients

“Inver Hills Community College has provided a great benefit to Northwest Airlines by keeping our technical employees well trained in the computer networking field with an affordable price and convenient scheduling. We feel this arrangement is an excellent example of obtaining a return on the investment of tax dollars our company pays to the State of Minnesota.” Charles Scollon, Communications Services Manager, Northwest Airlines, Inc.

## Center of Excellence

The Center for Strategic Information and Technology offers Inver Hills Students unique learning and earning opportunities. The college is a partner in this Center of Excellence with Minneapolis Community and Technical College and Metropolitan State University. Visit [www.strategicIT.org](http://www.strategicIT.org) to find out more.

## Academy for Lifelong Learning

The Academy for Lifelong Learning provides noncredit, college-based courses that emphasize learning ideas to a community of mature learners. Courses are designed for learners at a stage in their lives where they can explore new and varied interests but without the pressures of assignments, credits, and tests.

Taught by experienced instructors from the college and the community, these courses are usually 5 or 6 meetings. They include lively discussion and interesting reading. Topics are included from art, music, literature, science, current events, history and the social sciences, world cultures, and more.

To request information about upcoming courses and registration, call 651-450-8639.