GRADUATION REQUIREMENTS

Associate of Arts Degree

The Associate of Arts degree is awarded to students for successful completion of programs primarily intended to provide a broad liberal arts and sciences background, and to constitute the first two years of four-year degree programs. Associate of Arts degree requirements are as follows:

1. Complete a minimum of 60 semester credits numbered 1000 or above with a minimum grade point average of 2.00.
2. Complete with a passing grade two courses in Physical Education.
3. Complete at least 20 semester credits at FDLTCC, including the last 10 semester credits.
4. Complete with a passing grade AMIN 1050 Anishinaabeg of Lake Superior.
5. Complete a minimum of 40 semester credits of general education courses listed in the goal areas as defined by the Minnesota Transfer Curriculum.

Associate of Science Degree

Associate of Science degrees are 60 to 64 semester credits in length and may be awarded for successful completion of a program designed for transfer to a baccalaureate major in a related scientific or technical field, or may be designed for employment. Associate of Science degree requirements are as follows:

1. Complete the required 60 to 64 semester credits numbered 1000 or above with a minimum grade point average of 2.00.
2. Complete with a passing grade one course in Physical Education.
3. Complete at least 20 semester credits at FDLTCC, including the last 10 semester credits.
4. Complete with a passing grade AMIN 1050 Anishinaabeg of Lake Superior.
5. Complete a minimum of 30 semester credits of general education courses from at least six of the ten goal areas of the Minnesota Transfer Curriculum.
6. Complete the balance of credits in the pre-professional area.

Associate of Applied Science Degree

Associate of Applied Science degrees are 60 to 72 semester credits in length and may be awarded for successful completion of a program primarily intended for employment. Twenty semester credits shall be taught by the faculty recommending the award of the degree.

The Associate of Applied Science degree requirements are as follows:

1. Complete the required 60 to 72 semester credits numbered 1000 or above with a minimum grade point average of 2.00.
2. Complete at least 20 credits at FDLTCC, including the last 10 semester credits.
3. Complete a minimum of 25 percent general education credits from at least three of the ten goal areas of the Minnesota Transfer Curriculum.
4. Complete with a passing grade AMIN 1050 Anishinaabeg of Lake Superior.
5. Complete at least 30 semester credits in program-related occupational or technical courses.

It is important to note that the required credits listed above are minimum thresholds for the degree, as defined by the Minnesota State Colleges and Universities system. Minimum requirements for specific degrees at FDLTCC may be different.

General Education Competencies

Associate Degrees require general education competencies in a number of categories. These categories are as follows:

- **Information and Technology:** The student will be able to demonstrate the ability to use print and non-print tools effectively for the discovery, acquisition, and evaluation of information as well as core computer tools for the manipulation and presentation of information.
- **Ability to Communicate:** The student will be able to demonstrate the ability to listen, read, comprehend, and deliver information in a variety of forms.
- **Problem Solving:** The student will be able to conceptualize, apply, analyze, synthesize, and/or evaluate information to formulate and solve problems.

- **Human Experience:** The student will be able to identify his/her own personal value system incorporating psychological, physical, social, and spiritual facets.
- **Culture:** The student will be able to demonstrate knowledge of Anishinaabe traditions and culture, knowledge of his/her own traditions and culture, knowledge of other's traditions and cultures, and respect for global diversity.

Students' competency in each of these categories will be assessed using a variety of methods.

Minnesota Transfer Curriculum

In 1995, the public higher education colleges and universities in Minnesota began a common liberal education curriculum called the Minnesota Transfer Curriculum. The Minnesota Transfer Curriculum requires at least 40 semester credits to complete, and consists of lower division general education requirements. The Minnesota Transfer Curriculum is transferable to any state college and university in Minnesota.

Requirements of the Minnesota Transfer Curriculum are arranged around ten specific goal areas. Courses listed in each goal area address the intent of the particular goal area. Semester credit values are listed in the parentheses after each course.

Goal 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 to be reinforced through writing-intensive courses and writing across the curriculum.

Speaking and listening skills need reinforcement through multiple opportunities for interpersonal communication, public speaking, and discussion.

(Select three courses. One course must be selected from each group.)

Group A.

ENGL 1001 College Writing I:
Composition and Research (4)

Group B. One of the following:

ENGL 1010 College Writing IIA:
Introduction to Literature (3)

ENGL 1020 College Writing IIB:
Writing for Work (3)

ENGL 1030 College Writing IIC:
Creative Writing (3)

ENGL 1040 College Writing IID:
American Indian Literature (3)

Group C. One of the following:

SPCH 1010 Public Speaking (3)

SPCH 1020 Interpersonal Communication (3)

SPCH 2010 Family Communication (3)

Goal 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.

Students who complete the 40 credits of Minnesota Transfer Curriculum requirements will have completed the goal and competencies of Critical Thinking.

Goal 3: Natural Sciences

Goal: To improve students' understanding of natural science principles and of the methods of scientific inquiry, i.e., the ways in which scientists investigate natural science phenomena. As a basis for lifelong learning, students need to know the vocabulary of science and to realize that while a set of principles has been developed through the work of previous scientists, ongoing scientific inquiry and new knowledge will bring changes in some of the ways scientists view the world. By studying the problems that engage today's scientists, students

learn to appreciate the importance of science in their lives and to understand the value of a scientific perspective. Students should be encouraged to study both the biological and physical sciences.

(Select two courses. Courses may be selected from the same department. One course must have a lab component.)

BIOL 1010 Aspects of Biology (4)

BIOL 1060 Environmental Science (4)

BIOL 1101 General Biology I (5)

BIOL 1102 General Biology II (5)

BIOL 2010 Microbiology (4)

BIOL 2020 Anatomy and Physiology I (4)

BIOL 2021 Anatomy and Physiology II (4)

BIOL 2030 Botany (3)

BIOL 2031 Zoology (3)

BIOL 2050 Principles of Ecology (4)

CHEM 1001 Aspects of Inorganic Chemistry (4)

CHEM 1002 Organic Chemistry (4)

CHEM 1010 General Chemistry I (5)

CHEM 1011 General Chemistry II (5)

CHEM 2060 Environmental Chemistry (4)

GEOL 1001 Physical Geology (4)

GEOL 2010 Geomorphology (4)

PHYS 1001 Introduction to Physics I (4)

PHYS 1002 Introduction to Physics II (4)

PHYS 1020 Introductory Astronomy (4)

PHYS 1030 Meteorology (3)

Goal 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.

(Select one course)

MATH 1010 College Algebra (3)

MATH 1020 Calculus: Short Course (3)

MATH 1030 Introduction to Statistics (3)

MATH 1040 Finite Mathematics (3)

MATH 1050 Mathematics for Elementary Teachers (4)

MATH 2001 Calculus I (5)

PHIL 2020 Logic (3)

Goal 5: History and the Social and Behavioral Science

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.

(Select two courses. One course must be selected from each group.)

Group 1

AMIN 2001 Federal Laws and the American Indian (3)

AMIN/SOC 2030 Contemporary American Indian Concerns (3)

ANTH 1001 Introduction to American Indian Studies (3)

ANTH 1020 Cultural Anthropology (3)

PSYC 2001 General Psychology (4)

PSYC 2010 Developmental Psychology (4)

PSYC 2020 Group Dynamics (3)

PSYC 2030 Abnormal Psychology (3)

SOC 1001 Introduction to Sociology (3)

SOC/LAWE 1010 Crime and Delinquency (3)

SOC 1020 Human Relations (3)

SOC 1050 The Family as a Social Institution (3)

SOC 1060 Human Sexuality (3)

SOC 2010 Social Problems (3)

SPCH 1030 Intercultural Communication (3)

Group 2

ECON 2010 Principles of Economics: Microeconomics (3)

ECON 2020 Principles of Economics: Macroeconomics (3)

GEOG 1010 Physical Geography (3)

GEOG 1020 Cultural Geography (3)

GEOG 1030 Environmental Conservation (3)

GEOG 1040 World Regional Geography (3)

HIST 1010 Western Civilization I (4)

HIST 1011 Western Civilization II (4)

HIST 1030 History of United States I (4)

HIST 1031 History of United States II (4)

HIST 1050 American Indian History I (4)

HIST 1051 American Indian History II (4)

POLS 1010 American Government (3)

POLS 1020 State and Local Government (3)

POLS 1030 International Relations (3)

Goal 6: The 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.

(Select two courses. Courses must be selected from different departments.)

ART 1001 Introduction to Art (3)

ART 1010 Drawing (3)

ART 1020 Design (3)

ART 1030 Painting (3)

ART 1040 Water Colors (3)

ART 1060 American Indian Art (3)

ART 1070 Introduction to Jewelry (3)

ART 1080 Art History I (3)

ART 1081 Art History II (3)

ART 1090 Photography I (3)

ART 1095 Digital Photography (3)

ART 2010 Sculpture (3)

ART 2020 Ceramics (3)

ENGL 2010 Modern Short Story (3)

ENGL 2015 Modern Novel (3)

ENGL 2020 Poetry (3)

ENGL 2030 Film as Art (3)

ENGL 2035 Literature of Science Fiction (3)

ENGL 2040 Mythology (3)

ENGL 2045 Literature by Women (3)

ENGL 2050 Introduction to Language (3)

MUSC 1010 Music Appreciation (3)

MUSC 1020 American Popular Music (3)

MUSC 1030 Music of the World's Peoples (3)

MUSC 1035 American Indian Music (3)

(Two credits selected from the following music list can be used in place of one course.)

MUSC 1070 Choir (1)

MUSC 1072 Instrumental Ensemble (1)

MUSC 1080/1180/2080/2180-1086/1186/2086/2186 Applied Music Lessons (1)

PHIL 1020 Critical Thinking (3)

PHIL 2001 Introduction to Philosophy (3)

PHIL 2010 Ethics (3)

PHIL 2030 American Indian Philosophy (3)

PHIL 2040 World Religions (3)

THTR 1001 Introduction to Theater (3)

THTR 1010 Beginning Acting (3)

THTR 1020 Introduction to Directing (3)

THTR 1030 Oral Interpretation (3)

Goal 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.

(Select one course.)

***AMIN 1050 Anishinaabeg of Lake Superior (3)**

ENGL 2010 Modern Short Story (3)

ENGL 2025 Modern Drama (3)

ENGL 2035 Literature of Science Fiction (3)

ENGL 2045 Literature by Women (3)

GEOG 1020 Cultural Geography (3)

HIST 1050 American Indian History I (4)

HIST 1051 American Indian History II (4)

MUSC 1020 American Popular Music (3)

MUSC 1035 American Indian Music (3)

SOC 1020 Human Relations (3)

SOC 2010 Social Problems (3)

SPCH 1030 Intercultural Communication (3)

SPCY 2010 Family Communication (3)

THTR 1001 Introduction to Theatre (3)

Goal 8: Global Perspective

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

(Select one course.)

ANSH 2002 Anishinaabe Language IV

ANTH 1010 Native Skywatchers (3)

ANTH 1020 Cultural Anthropology (4)

ART 1080 Art History I (3)

ART 1081 Art History II (3)

ECON 2020 Principles of Economics: Macroeconomics (3)

ENGL 2040 Mythology (3)

ENGL 2050 Introduction to Language (3)

GEOG 1040 World Regional Geography (3)

HIST 1010 Western Civilization I (4)

HIST 1011 Western Civilization II (4)

MUSC 1030 Music of the World's Peoples (3)

PHIL 2001 Introduction to Philosophy (3)

PHIL 2040 World Religions (3)

POLS 1030 International Relations (3)

Goal 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, be part of the free exchange of ideas, and function as public-minded citizens.

(Select one course.)

***AMIN 1050 Anishinaabeg of Lake Superior (3)**

JOUR 1010 Mass Communication (3)

PHIL 2010 Ethics (3)

PHIL 2060 Ethics of Sustainability (3)

POLS 1020 State and Local Government (3)

Goal 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 bio-physical principles, and socio-cultural systems is the foundation for integrative and critical thinking about environmental issues.

(Select one course.)

ANTH 1010 Native Skywatchers (4)

BIOL 1060 Environmental Science (4)

BIOL 1102 General Biology II (5)

BIOL 2050 Principles of Ecology (4)

CHEM 2060 Environmental Chemistry (4)

GEOG 1030 Environmental Conservation (3)

PHIL 2060 Ethics of Sustainability (3)

SOC 1001 Introduction to Sociology (3)

***AMIN 1050 is a required course for all associate degrees.**