



ACADEMIC PROGRAMS



ACADEMIC
PROGRAMS

Academic Programs

Fond du Lac Tribal and Community College offers a complete schedule of courses across a wide range of programs and areas of concentration. Students can choose to work toward a two-year Associate of Arts, Associate of Fine Arts, Associate of Applied Science, or Associate of Science degree program. Students may also choose to complete credits for transfer to another college as specified in the Minnesota Transfer Curriculum. Short-term certificate programs are also available. Degrees and credits earned at FDLTCC transfer to most other colleges and universities, and all institutions in Minnesota state.

The academic programs at Fond du Lac Tribal and Community College are built on a general education foundation, which includes four core competencies that cut across the college's curriculum: Problem solving, communication, culture, and information literacy. Student learning in the core areas is assessed at the course, program, and institutional levels. In addition, the college and its academic programs assess student learning indirectly through profiles regarding retention, transfer, and completion; student engagement; workforce placement; and pass rates on state licensure exams. Students and other readers can learn more about Fond du Lac Tribal and Community College's academic accountability efforts by contacting any faculty, staff, or administrator at the college. Updated information is posted on the college web site at www.fdlccc.edu.



Liberal Arts and Sciences Transfer Degree

Students planning to transfer to another institution to complete a four-year college degree can begin their program at Fond du Lac Tribal and Community College by completing an Associate of Arts (A.A.), Associate of Fine Arts (A.F.A.), or an Associate of Science (A.S.) degree. Students who are planning to transfer to another institution should keep in mind the requirements of that institution when selecting courses in the area that they may plan on majoring in at the transfer institution. Students who are unsure of what area they may ultimately select at their transfer institution will receive a well-rounded foundation for future courses by completing the general requirements for graduating with an Associate of Arts degree.

The mission of the liberal arts and sciences program is:

- To prepare students for the future by promoting cultural diversity within a global perspective.
- To expose students to a broad spectrum of knowledge and an open exchange of ideas.
- To promote an understanding of the human experience and the inter-relation of the personal, social, and historical dimensions of human life.
- To promote scholarship and academic excellence.
- To promote respect for individuals, the community, and the environment.

The liberal arts and sciences curriculum provides an excellent background in general education and will transfer to a wide variety of colleges and universities.

Foundational courses are offered as part of an A.A., A.F.A., or A.S. degree in the following disciplines and should transfer to most other institutions.

- Accounting
- American Indian Studies
- Art
- Biology
- Business
- Chemistry
- Child Development
- Criminology/Criminal Justice
- Education
- English
- Environmental Science
- Geography
- Health Sciences
- History

Law Enforcement
 Mathematics
 Music
 Nursing
 Philosophy
 Physics
 Political Science
 Psychology
 Social Work
 Sociology
 Speech/Communication

Career and Technical Education Programs

The Associate of Applied Science (A.A.S.) degree and the Associate of Science (A.S.) degree may also be awarded to students who complete the requirements in approved career and technical education programs. A.A.S. degree programs are designed to lead directly into a position in that field. A.S. degree programs may lead to a position in a chosen career area but will also transfer to a four-year institution and provide a solid educational foundation for students seeking advanced training or a four-year degree.

A student taking classes at FDLTCC may select from the following career and technical education programs:

Business
 Business/Financial Services (A.S.)
 Small Business Entrepreneurship (A.A.S.)
 Corrections (A.S.)
 Early Childhood Development (A.A.S.)
 Elementary Education (A.S.)
 Electric Utility Technology (A.A.S.)
 Geospatial Technologies
 Geographic Information Systems and Visualization (A.S.)
 Human Services (A.A.S.)
 Law Enforcement
 Criminal Justice (A.A.S.)
 Law Enforcement (A.S.)
 Nursing
 Nursing (A.D.N.)
 Science
 Broad Field Health Science (A.S.)
 Environmental Science (A.S.)

Certificates and Diplomas

Students who are interested in a specific area, require training in a specialized area, or just want to see if college is the best educational path for them may begin their college experience by taking courses toward the completion of a certificate or diploma. Certificates and diplomas are designed to be completed in a short period of time, and may be used as a starting point to future educational opportunities. An updated list of certificates and diplomas offered at Fond du Lac Tribal and Community College can be found on the college web site.

Students may select from the following certificate programs. Please contact an adviser or program coordinator of the certificate you are interested in before registering.

American Indian Studies
 Anishinaabe
 Business
 Small Business/Entrepreneurship
 Corrections
 Corrections Certificate
 Early Child Development
 Early Childhood Development Diploma
 Early Childhood Development Certificate
 Electric Utilities Technology
 Clean Energy Technician
 Geospatial Technologies
 Geographic Information Systems and Visualization
 Human Services
 Chemical Dependency
 Law Enforcement
 Law Enforcement PPOE Diploma
 Nursing
 Nursing Assistant

A Special Partnership

The Fond du Lac Tribal and Community College Human Services program has written transfer agreements with the College of St. Scholastica (CSS) and the University of Wisconsin, Superior. CSS has been offering a bachelor's degree program in Social Work on the Fond du Lac Tribal and Community College campus since 2003.

Dibaajimowinaan (*Telling Our Story*)

American Indian Studies

The Dibaajimowinaan (American Indian Studies) associate of arts (AA) degree program seeks to be a doorway for students, particularly American Indigenous students, to explore their future in a welcoming community of learners that honors and values the language, history, worldview and methodologies of the Ojibwe-Anishinaabe people.

The Dibaajimowinaan AA degree meets the general education components of the Minnesota Transfer Curriculum. It fulfills the 10 transfer goal areas and credits necessary for successful transfer (just like the traditional Western liberal arts associates degree), thereby allowing students to deepen their breadth of knowledge of Indigenous American studies while being thoroughly prepared with the liberal education necessary to be successful in baccalaureate programs at public or private four-year universities.

In addition, the Dibaajimowinaan program fulfills the cultural standard (Gidizhitwaawinaanin) requirements of the World Indigenous Nations Higher Education Consortium (WINHEC), by which the Dibaajimowinaan program is accredited. The cultural standards form the foundation of the program's learning goals:

Goal 1: GIKENDAASOWIN Knowing knowledge

To develop human beings who value knowledge, learning, and critical thinking and are able to effectively use the language, knowledge, and skills central to an Ojibwe-Anishinaabe way of knowing. Students are encouraged to initiate the building of gikendaasowin, their educational foundation early in their collegiate studies.

Goal 2: GWAYAKWAADIZIWIN Living a balanced way

To develop balanced human beings who are reflective, informed learners who understand the interrelatedness of human society and the natural environment, recognize the importance of living in harmony with creation, and are able to apply a systems approach to understanding and deciding on a course of action. Gwayakwaadiziwin is an integral piece to lifelong learning that is reinforced throughout the curriculum.

Goal 3: ZOONGIDE'EWIN Strong hearted

To increase the students' capacity to live and walk with a strong heart, humble and open to new ideas and courageous enough to confront the accepted truths of history and society. Zoongide'ewin is the foundation on which we build and strengthen each student's resilience, tenacity, and determination.

Goal 4: AANGWAAMIZIWIN Diligence and caution

To develop students' capacity to proceed carefully, after identifying, discussing, and reflecting on the logical and ethical dimensions of political, social, and personal life. Aangwaamiziwin encourages students to more fully participate in their communities and nations as ethical, informed citizens.

Goal 5: DEBWEWIN Honesty and integrity

To increase students' capacity to think and act with honesty and integrity as they understand and face the realities of increasingly interdependent nations and people. Debwewin encourages students to develop a deeper appreciation for their own worldview and the worldview of others.

Goal 6: ZAAGI'IDIWIN Loving and Caring

To encourage students' development of healthy, caring relationships built on respect for all. When we care for others and ourselves in everything we do, we are living the value of zaagi'idiwin.

Goal 7: ZHAWENINDIWIN Compassion

To expand students' knowledge of the human condition and human cultures, and the importance of compassion especially in relation to behavior, ideas, and values expressed in the works of human imagination and thought. Zhawenindiwin is developed by understanding the human experience.



Associate of Arts
(60 Credits)

American Indian Studies Emphasis Courses (Required)

- AMIN 2001 Federal Laws and the American Indian
- ANSH 1001 Intro to Anishinaabe Language
- ANSH 1002 Anishinaabe Language II
- ANTH 1001 Intro to American Indian Studies
- HIST 1050/1051 American Indian History I/II
- STSK 1010 Learning Community Orientation

General Education Requirements

- AMIN 1050 Anishinaabeg of Lake Superior
- AMIN 2030 Contemporary American Indian Concerns or
- PSYC 2002 Indigenous Psychology
- BIOL 1060 Environmental Science
- ENGL 1101 College Composition
- ENGL 1102 Advanced College Composition
- SPCH 1020 Interpersonal Communication
- SPCH 1030 Intercultural Communication

Select two of the following:

- ART 1060 American Indian Art
- ENGL 2005 American Indian Literature
- MUSC 1035 American Indian Music

Additional courses to be taken:

- One from Goal 4: Mathematical/Logical Reasoning
- One Science course (4 or more credits)
- PE 1051 American Indian Traditional Dance
- PE 1052 American Indian Games

Anishinaabe Certificate
(13 Credits)

- AMIN 1050 Anishinaabeg of Lake Superior
- AMIN 2001 Federal Laws and the American Indian
- ANSH 1001 Introduction to Anishinaabe Language
- ANTH 1001 Introduction to American Indian Studies



Associate of Arts Degree

An associate of arts degree is awarded upon completion of a 60-credit academic program in the liberal arts and sciences without a named field of study. It is designed for transfer to baccalaureate degree-granting institutions. 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 that fulfill the ten Minnesota Transfer Curriculum goal areas as identified on the Associate of Arts degree checklist.



The ten goal areas of the Minnesota Transfer Curriculum are:

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

Information about the Minnesota Transfer Curriculum can be found in the Graduation Requirements section of this catalog.



Associate of Fine Arts Degree

The associate of fine arts degree program at Fond du Lac Tribal and Community College offers a range of options for students who want to pursue careers in visual arts. General education and program course requirements have been selected to ensure that students acquire appropriate credits that transfer easily to most BFA and Art Ed. programs at four-year schools. Courses in business, computer graphics, and mathematics are included to prepare students for career options that may include self-employment as creators and purveyors of art, crafts and services related to fine and applied arts. In addition, students enjoy the unique opportunity of studying the arts of Anishinaabeg culture including beadwork, traditional dress, and ceremonial regalia. A variety of art electives are available to satisfy the creative interests of students enrolled in all programs at Fond du Lac Tribal and Community College.

Upon completion of the associate of fine arts degree program:

- Students will be able to communicate clearly and creatively through visual arts mediums and technologies.
- Students will be able to apply artistic principles and critical thinking to facilitate visual communication.
- Students will be able to employ craftsmanship, materials mastery and technical skill to produce professional, quality artworks.
- Students will be able to identify the contributions of world and regional cultures in the evolution of contemporary visual arts.

Required Program Courses

ART 1010 Drawing I
 ART 1020 Design
 ART 1080/1081 Art History I/II
 ART 1095 Digital Photography I
 ART 1097 Introduction to Digital Graphics
 BUS 1001 Introduction to Business

Required Program Electives

Select 15 credits from the following courses

ART 1015 Drawing II
 ART 1030 Painting I
 ART 1035 Painting II
 ART 1040 Watercolor Painting
 ART 1060 American Indian Art
 ART 1070 Introduction to Jewelry
 ART 2001 Digital Photography II
 ART 2010 Sculpture
 ART 2015 Sculpture II
 ART 2020 Ceramics I
 ART 2030 Portfolio Development
 AMIN 1060 Intro to Digital Storytelling

General Education Requirements

AMIN 1050 Anishinaabeg of Lake Superior
 BIOL 1010 Aspects of Biology
 ENGL 1101 College Composition
 HIST 1012/1013 History of Global Civilization I/II
 SPCH 1010 Public Speaking

Select one of the following:

MATH 1025 Introduction to Contemporary Mathematics
 MATH 1030 Introduction to Statistics
 MATH 1010 College Algebra



Career and Technical Programs

Business

Fond du Lac Tribal and Community College offers several options for students who are interested in a career in business, financial services, and entrepreneurship. Students may elect to work toward an Associate of Science degree in Business/Financial services or an Associate of Applied Science in Small Business Entrepreneurship. Students also have the option to complete a 30-credit certificate program with emphasis in Small Business Entrepreneurship.

A two-year degree at Fond du Lac Tribal and Community College provides a foundation for upper-division study at a four-year institution, or graduates may decide to go directly into a professional position. Students completing the certificate program may already own their own business and are looking to increase their business skills. They can also decide to continue their studies toward a two-year degree or take the licensure exam in their area of interest and go directly into the workforce.

Typically, students earning an Associate of Science degree at Fond du Lac Tribal and Community College with a concentration in Business/Financial services will transfer to a four-year school to work on a bachelor's degree in business Administration, economics or accounting. Students who choose the Associate of Applied Science with a focus in Small Business Entrepreneurship are typically interested in owning/operating their own business.

Articulation agreements and program planner checklists have been established with the business departments at several colleges in the region. Students are encouraged to consult with a counselor or transfer specialist at Fond du Lac Tribal and Community College and at the transfer school of interest.

Students completing degree options in the business program will:

1. Gain an understanding of the language and theory of business and entrepreneurship;
2. Develop business related critical thinking skills;
3. Study and analyze the history of widely accepted business practices;
4. Understand contemporary business and leadership principles;
5. Analyze the concept of strategic marketing and management for the business environment; and
6. Become familiar with the financial aspects of business ownership/management.

Business/Financial Services

Associate of Science Degree

Required Program Courses

- ACCT 2001/2002 Financial Accounting I/II
- ACCT 2005 Managerial Accounting
- BUS 1001 Introduction to Business
- BUS 2040 The Legal Environment of Business
- MKTG 1020 Small Business Management

General Education Requirements

- AMIN 1050 Anishinaabeg of Lake Superior
- ECON 2010 Principles of Economics: Microeconomics
- ECON 2020 Principles of Economics: Macroeconomics
- ENGL 1101 College Composition
- ENGL 1102 Advanced College Composition
- SPCH 1020 Interpersonal Communication
- BIOL 1060 Environmental Science
- BIOL 1101 General Biology
- MATH 1010 College Algebra
- MATH 1030 Introduction to Statistics
- SOC 1001 Introduction to Sociology

Select two courses from two separate disciplines in Goal 6: Humanities and Fine Arts



Small Business Entrepreneurship

Associate in Applied Science Degree

Required Program Courses

- ACCT 2001/2002 Financial Accounting I/II
- BUS 1001 Introduction to Business
- BUS 1003 Opportunity Analysis
- BUS 1035 Database & Data Spreadsheets
- BUS 1080 Personal Finance
- BUS 2040 The Legal Environment of Business
- BUS 2060 Business Plan Development
- MKTG 1020 Small Business Management
- MKTG 1030 Salesmanship
- MKTG 1035 Promotion & Advertising

General Education Requirements

- AMIN 1050 Anishinaabeg of Lake Superior
- ECON 2010 Principles of Economics: Microeconomics
- ECON 2020 Principles of Economics: Macroeconomics
- ENGL 1101 College Composition
- ENGL 1102 Advanced Composition
- SPCH 1020 Interpersonal Communication
- MATH 1030 Introduction to Statistics
- SOC 1001 Introduction to Sociology
- One Humanities or Fine Arts course

Small Business Entrepreneurship Certificate (30 credits)

Required Program Courses

- ACCT 2001 Financial Accounting I
- BUS 1001 Introduction to Business
- BUS 1003 Opportunity Analysis
- BUS 1035 Database & Data Spreadsheets
- BUS 1080 Personal Finance
- BUS 2040 The Legal Environment of Business
- BUS 2060 Business Plan Development
- MATH 1030 Introduction to Statistics
- MKTG 1020 Small Business Management
- MKTG 1030 Salesmanship



Early Childhood Development

The mission of the Early Child Development program is to provide students with opportunities for learning experiences that encompass all aspects of child development and to facilitate and encourage personal applications of developmentally appropriate practices in the care and education of children from birth through school age. Four programs of study are available in Early Childhood Development.

Students enrolled in the Early Childhood Development Program will be required to complete and pass a background study before they can participate in required lab courses or be employed in the child care/education field.

Students must receive at least a "C" or better in all courses and final cumulative GPA of 2.0 or higher to graduate from these programs. The requirements of this program are subject to change without notice due to continuous development in achieving teacher standards.

Early Childhood Development Certificate

(19 credits)

- CDEV 1200 Introduction to Early Childhood Education
- CDEV 1210 Child Growth and Development
- CDEV 1222 Health, Safety and Nutrition
- CDEV 1230 Positive Child Guidance
- CDEV 1340 Learning and Curriculum
- ENGL1101 College Composition

Early Childhood Development Diploma

(32 credits)

- CDEV 1200 Introduction to Early Childhood Education
- CDEV 1210 Child Growth and Development
- CDEV 1222 Health, Safety and Nutrition
- CDEV 1230 Positive Child Guidance
- CDEV 1340 Learning Environment and Curriculum
- CDEV 2510 Practicum I
- CDEV 1252 Observation and Assessment
- CDEV 2640 Curriculum Planning
- ENGL 1101 College Composition
- PSYC 2001 General Psychology



Early Childhood Development Associates of Science Degree

(60 Credits)

CDEV 1200 Introduction to Early Childhood Education
 CDEV 1210 Child Growth and Development
 CDEV 1222 Health, Safety and Nutrition
 CDEV 1230 Positive Child Guidance
 CDEV 1340 Learning Environment and Curriculum
 CDEV 2510 Practicum I
 CDEV 1252 Observation and Assessment
 CDEV 2610 Organization Leadership and Management
 CDEV 2620 Children with Differing Abilities
 CDEV 2640 Curriculum Planning
 ENGL 1101 College Composition
 SPCH 1010 Public Speaking
 SOC 1050 The Family
 AMIN 1050 Anishinaabeg of Lake Superior
 Electives: At least 3 credits in Goal Area 3 Natural Sciences or Goal Area 4 Mathematical/Logical Reasoning (Math 1010 College Algebra recommended for articulated bachelor's degrees) and at least 3 additional courses in Goal Areas 5b, 6, 8, 10

Early Childhood Development Associates of Applied Science Degree

(60 Credits)

CDEV 1200 Introduction to Early Childhood Education
 CDEV 1210 Child Growth and Development
 CDEV 1222 Health, Safety and Nutrition
 CDEV 1230 Positive Child Guidance
 CDEV 1340 Learning Environment and Curriculum
 CDEV 2510 Practicum I
 CDEV 1252 Observation and Assessment
 CDEV 2610 Organization Leadership and Management
 CDEV 2620 Children with Differing Abilities
 CDEV 2640 Curriculum Planning
 CDEV 2530 Challenging Behaviors
 CDEV 1240 Working with Diverse Families and Children
 CDEV 2810 Practicum II
 ENGL 1101 College Composition
 PSYC 2001 General Psychology
 SPCH 1010 Public Speaking
 SOC 1050 The Family
 AMIN 1050 Anishinaabeg of Lake Superior
 Electives: At least 3 credits in Goal Area 3 Natural Sciences or Goal Area 4 Mathematical/Logical Reasoning (Math 1010 College Algebra recommended for articulated bachelor's degrees) and 1 course in Goal Areas 5b, 6, 8, or 10

Corrections

The Corrections program offers students the opportunity to be agents of change as probation/parole officers, residential staff, corrections officers, jailers, detention deputies, and security counselors. Graduates of the program will be prepared to apply for occupational opportunities at federal, tribal, state, county, and municipal agencies, as well as with private providers.

The Corrections curriculum has been developed with extensive input from corrections professionals representing regional facilities and employers across the Arrowhead Region and as far south as Pine County. The associate of science degree in corrections is a two-year degree that facilitates direct entry into the career field or transfer for continued education at a bachelor's degree level. For those students seeking more immediate employment in the field, the one-year certificate is ideal, providing one fall semester of required classroom work and a spring semester internship at an appropriate facility or agency.



Graduates will have opportunities to work with a variety of populations, including juveniles in residential treatment or detention centers and women and men housed in facilities operated by the Minnesota Department of Corrections,

Federal Bureau of Prisons, Bureau of Indian Affairs, and counties and municipalities. Other facilities include the Minnesota Sex Offender Program, Minnesota State Security Hospital, private residential treatment facilities, and youth facilities. Graduates of the Corrections program will:

1. Apply active listening skills in multiple setting, such as group meetings and presentations common to correctional environments in order to obtain and clarify information, directives, and procedures to implement.
2. Apply critical thinking strategies to contribute to formulating effective solutions. Ability to analyze hostile situations and execute de-escalation strategies quickly.
3. Be mindful of how culture, income, class, and poverty can contribute to crime.
4. Learn the importance of teamwork and demonstrate the ability to take command, lead, follow, and collaborate in situations that commonly are demonstrated in a correctional environment. Students will learn effective strategies for dealing with conflict in the workplace.
5. Analyze and appraise situations and ethical and legal responsibilities that require use of force and select which level of force is necessary to control a situation based on the Use of Force Continuum in correctional environments.
6. Summarize and apply knowledge of technical skill procedures typical of institutional/residential/community correctional staff to effectively complete day-to-day operations using Evidence Based Practices.

Associate of Science Degree

Required Program Courses

- CORR 2025 Best Practices in Corrections
- CORR 2090 Corrections Internship (Taken Twice)
- HLTH 1050 Emergency Response/First Responder
- LAWE 1001 Introduction to Criminal Justice
- LAWE 1010 Crime and Delinquency
- LAWE 2030 Critical Issues & Community Relations in the Criminal Justice System

General Education Requirements

- AMIN 1050 Anishinaabeg of Lake Superior
- BIOL 1011 Introduction to Forensic Biology
- ENGL 1101 College Composition
- ENGL 1102 Advanced College Composition
- ENGL 1120 Writing for Professionals
- SPCH 1020 Interpersonal Communication
- One 3-credit course Goal 4 Mathematical/Logical Reasoning (MATH 1030 or PHIL 1020 recommended)
- POLS 1020 State and Local Government
- SOC 1001 Introduction to Sociology
- SOC 1020 Human Relations
- One 3-credit course Goal 6 Humanities and Fine Arts
- SPCH 1030 Intercultural Communication
- One course Goal 10 People and the Environment
- One Physical Education course

Corrections Certificate

(17 credits)

Required Program Courses:

- AMIN 1050 Anishinaabeg of Lake Superior
- CORR 2005 American Jail & Prison Systems
- CORR 2025 Best Practices in Corrections
- LAWE 1001 Introduction to Criminal Justice
- LAWE 1010 Crime & Delinquency
- CORR 2090 Corrections Internship

Associate of Arts Degree Option

To earn an Associate of Arts degree in addition to the Associate of Science degree outlined above, the student must complete a course from each of the following MnTC goal areas:

3. Natural Science (One course)
6. Humanities and Fine Arts (One course from a discipline other than the one chosen to complete the A.S.)

One Physical Education course

Elementary Education

Fond du Lac Tribal and Community College's elementary education program offers students an exceptional opportunity to be among the best prepared teachers in Minnesota's diverse classrooms of the future. The Anishinaabeg and American Elementary Education program's associate of science degree engages the Spider Framework (Dr. Lori Lambert), a "two-eyed seeing" dual perspective with Indigenous and western foci. This provides the basis for the program's conceptual framework. Its culturally-based education is blended and rooted in native language, family and community, content that is meaningful and culturally grounded, context that is structured in a cultural learning environment, and finally, assessment that is gathered and maintained in a culturally appropriate way. This approach is infused throughout the entire curriculum.

The elementary education program works in partnership with Winona State University's bachelor's degree program in elementary education. Students who complete FDLTCC's associate of science degree become candidates for WSU bachelor's degree and are able to complete their bachelor's work at the FDLTCC campus through WSU.

In addition to student learning outcomes that meet the requirements of the Minnesota Professional Education Licensure and Standards Board (PELSB), the Elementary Education program's goals include:

- Learning and growing in preparation for the Minnesota Board of Teaching standards and guided by the Gidizhitwaawinaanan (cultural standards) and pedagogy throughout the curriculum.
- Becoming intentional with the implementation of a culturally-responsive classroom perspective with students in a K-6 classroom.
- Promoting the Indigenous pedagogy of the distinctive spiritual, cultural, and social mores of the community to enhance personal well-being.
- Providing different educational theories, application in planning, instruction and assessment of knowledge and skills. This includes field experiences and clinical placements that are appropriately structured to provide teacher candidates with extensive classroom experience, as well as mentored, practiced, and experienced teachers.
- Providing core Indigenous educators to perpetuate the enthusiasm of the Indigenous language and culture.
- Restoring Anishinaabe history and culture specific to science and nature.



Associate of Science Degree

(60 credits)

Required Program Courses

- *AMIN 2300 Culturally Responsive Education
- *HLTH 2100 Community Health and Wellness
- *MATH 1050 Math for Elementary Education Teachers

General Education Courses

- ENGL 1101 College Composition
- ENGL 1102 Advanced Composition
- SPCH 1010 Public Speaking
- *SCI 1280 Investigative Science I
- *SCI 1285 Investigative Science II
- *MATH 1025 Contemporary Math
- *ART/MUSC 1250 Foundations of Anishinaabe and American Arts
- *ENGL/AMIN 2200 American Indian Children's Literature
- ANSH 1001 Introduction to Anishinaabe Language or ANSH 1002 Anishinaabe Language II
- GEOG 1020 Cultural Geography
- *AMIN 1020 Foundations of American/Anishinaabe Education
- Goal Area 5: Three courses (see program planner)
- Elective: One course from Goal Area 10

**Meets Minnesota Professional Education Licensure and Standards Board (PELSB) requirements*

Electric Utilities Technology

The mission of the electric utilities technology program is to prepare students to enter into technician apprenticeship programs and careers as entry-level instrument and electrical technicians or relay technicians. Graduates will be prepared for the beginning tests of technical knowledge that are part of apprenticeship programs. The A.A.S. degree prepares students for careers in the power generation industry, manufacturing, wood products, and mining industries where large electric power systems need to be understood, monitored, and controlled. The program begins with the basics of electrical and electronics theory and application, and lays the foundation for a solid safety awareness. The elements of electrical control used by the utility-industry relay technician as well as subjects in common with industrial and process control, including programmable logic controllers, sensors, communication networks, AC and DC variable speed drives, and hydraulics.

Students who complete a degree in electrical utilities technology will:

1. Demonstrate technical proficiency in electrical principles, transmission, and relay technology.
2. Apply electrical knowledge in applications requiring demonstration of skills and the ability to trouble shoot problems.
3. Demonstrate proficiency in written and verbal communication.

Associate of Applied Science in Electric Utilities Technology

General Education Requirements

AMIN 1050 Anishinaabeg of Lake Superior
 BIOL 1060 Environmental Science
 ENGL 1101 College Composition
 ENGL 1102 Advanced College Composition
 ENGL 1120 Writing for Professionals
 GEOG 1030 Environmental Conservation
 MATH 1010 College Algebra
 PHYS 1001/1002 Introduction to Physics I/II
 POLS 1020 State and Local Government
 GEOG 1030 Environmental Conservation

Electives to meet 60 credit requirement

Required Program Courses

BUS 1035 Database and Data Spreadsheets
 EUT 1010 Introduction to Alternative and Renewable Energy Systems
 EUT 1020 Basic Electricity
 EUT 1021 AC Electricity for Electric Utility Technicians
 EUT 1030 Transmission, Distribution and Metering of Power



EUT 1040 Power Electronics and Communications Equipment

EUT 1050 Protective Relaying

EUT 1100 Programmable Logic Controllers

Associate of Arts Degree Option

To earn an Associate of Arts degree in addition to the Associate of Science degree outlined above, the student must complete a course from each of the following MnTC goal areas:

1. Communication (Group C)
5. History and the Social and Behavioral Science (Group 1)
6. Humanities and Fine Arts (choose two from different disciplines)

Two Physical Education courses

Clean Energy Technician Certificate (21 credits)

This certificate is a short-term program that combines courses in alternative and renewable energy systems with traditional electricity topic courses. The program trains professional technicians and individuals for the advancing industry of applying clean energy technologies in homes, small businesses, and tribal communities.

Required Program Courses

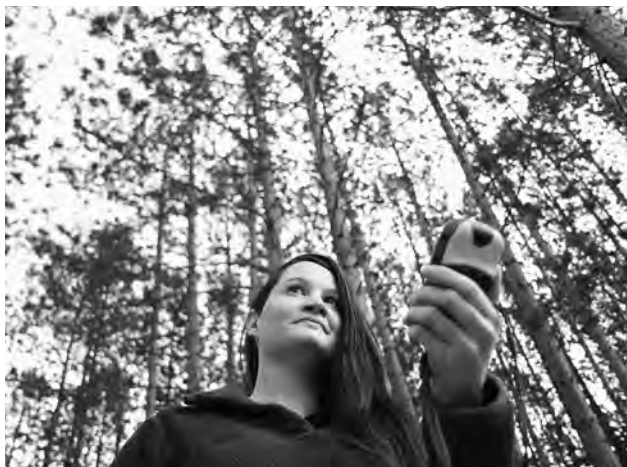
EUT 1010 Introduction to Alternative and Renewable Energy Systems
 EUT 1020 Basic Electricity
 EUT 1021 AC Electricity for Electric Utility Technicians
 EUT 1035 Photovoltaic Energy Systems
 EUT 1045 Wind Energy Systems
 EUT 1055 Home Energy Systems and Auditing
 GEOG 1050 Introduction to Geographic Information Systems

Geospatial Technologies

The Geographic Information Systems (GIS) and Visualizations associate of science degree and certificate provide specialized training in a technical, computer-based environment for GIS and remote sensing applications. Geospatial technologies provide powerful data processing and mapping tools that are utilized by professionals in highly diverse fields such as the geosciences, health care, law enforcement, and city planning, as well as in highly technical areas such as military defense. Students pursuing a degree in a complementary field can be well-served with a certificate. Students who have a keen interest in working with computers also find this field appealing.

Students who graduate from FDLTCC's Geospatial Technology program will:

1. Be able to use modern geospatial technologies including GPS devices, UAVs, and desktop and cloud computing to collect, store, and manipulate geospatial data.
2. Be able to solve spatial problems using a wide range of geospatial analysis techniques.
3. Be able to implement coding solutions to address unique geospatial analysis and mapping challenges.
4. Be able to clearly present geographic information, analysis results, and solution-oriented arguments through well designed maps and professional presentations.
5. Be familiar with industry standard data collection, GIS, and map design software, and will be aware of open source alternatives.
6. Apply and promote FDLTCC's core values of respect, integrity, stewardship, innovation, and compassion in their GIS work and everyday lives.



Associate of Science Degree

(60 credits)

Required Program Courses

MATH 1030 Introduction to Statistics
 BUS 1035 Database & Data Spreadsheets
 GEOG/PE 1054 Using GPS: Geocaching & Field Mapping
 GEOG 2001 Introduction to GIS
 GEOG 2005 Cartography & Visualization
 GEOG 2030 Remote Sensing of the Environment
 GEOG 2054 Programming in GIS
 ART/CSCI 1097 Introduction to Digital Graphics
 GEOG 2051 Web Mapping
 GEOG 2050 GIS Applications
 GEOG 2090 Undergraduate Research or GEOG 2095 Internship

General Education Requirements

ENGL 1101 College Composition
 ENGL 1120 Writing for Professionals
 SPCH 1010 Public Speaking or SPCH 1020 Interpersonal Communication
 GEOG 1010 Physical Geography
 AMIN 1050 Anishinaabeg of Lake Superior
 GEOG 1020 Cultural Geography or GEOG 1040 World Regional Geography and any course from Goal 5 Group 1

Electives: Select 4 credits of additional coursework that is relevant to your intended career path or transfer program. Physical Education & Special Topics courses may be included.

Geospatial Technologies Certificate

(16 credits)

Required Certificate Courses

GEOG/PE 1054 Using GPS: Geocaching & Field Mapping
 GEOG 2001 Introduction to GIS
 GEOG 2030 Remote Sensing of the Environment
 GEOG 2050 GIS Applications

Choose 1 of the following:

GEOG 2005 Cartography & Visualization
 GEOG 2051 Web Mapping

Human Services

The Human Services program is designed for students interested in the helping professions. Graduates will have acquired an understanding of the concepts, principles, skills methods and techniques of human services for positions in social welfare agencies, nursing homes, schools, disability and rehabilitation programs, public service related business and programs, as well as state and county agencies.

The projected job outlook for students entering Human Services careers is very positive. Current labor market information indicates a stable need for trained and skilled professionals.

The mission of Human Services Department is best described as "People Helping People to Help Themselves." The focus is to assist students to grow in personal and professional awareness and skills; to acquire accurate and current knowledge of human services issues and practice; to develop listening, influencing, critical thinking, and counseling skills; and to prepare for employment or transfer through academic course work and field practicums. FDLTCC's unique multi-cultural climate provides students with the opportunity to recognize and understand cultural diversity.

The Human Services program has written transfer agreements with the College of St. Scholastica (CSS) and the University of Wisconsin, Superior. CSS has been offering a bachelor's degree program in Social Work on the Fond du Lac Tribal and Community College campus since 2003.



If attending as a full-time student, a degree in Human Services can be completed in two academic years. Students learn the necessary knowledge and skills to enter the work force quickly. For those with some college experience it is possible to complete the degree in less time. Classes are offered during the day, evening hours and online, providing the opportunity to create a flexible schedule for non-traditional students. Small classes, on-campus child care and participation in student organizations such as the Human Services Club are added bonuses.

Associate of Applied Sciences in Human Services Degree

Required Program Courses

HSER 1001 Introduction to Human Services
 HSER 1010 Helping Process
 HSER 2010 Counseling Skills
 HSER 2020 Family Dynamics
 PSYC 2020 Group Dynamics
 HSER 2095 Practicum
 OR
 HSER 2090 (must take twice)
 PSYC 1030 Drug Use and Abuse
 OR
 CDEP 2001 Chemical Dependency Theories

Required General Education Courses

AMIN 1050 Anishinaabeg of Lake Superior
 BIOL 1010 Aspects of Biology
 ENGL 1101 College Composition
 ENGL 1120 Writing for Professionals
 MATH 1030 Introduction to Statistics
 PSYC 2001 General Psychology
 SPCH 1010 Public Speaking
 OR
 SPCH 1020 Interpersonal Communication

An additional 8 or 9 credits will need to be taken to reach the required 60 credits for graduation.

(Recommended electives include CDEP 2020 Chemical Dependency Assessment and Procedures, POLS 1020 State and Local Government, PSYC 2010 Developmental Psychology, SOC 1020 Human Relations.)

Associate of Arts Degree Option

Students planning on completing an A.A. degree with a Human Services focus will also need to take:

One science course in addition to BIOL 1010 (BIOL 1060, GEOG 1010, or GEOG 2010 are recommended as they fulfill both MnTC Goal 3 and Goal 10)

One additional course Goal 5: History/Social Behavioral Sciences–Group 2

Two courses Goal 6: Humanities and Fine arts. ART 1080 or 1081, ENGL 2040, MUSC 1030, PHIL 2001 or 2040 are recommended as they also fulfill MnTC Goal 8.

One course Goal 8.

Two Physical Education courses

Chemical Dependency Counselor Certificate (28 credits)

The Chemical Dependency Certificate program is intended for those students who are seeking the Licensed Alcohol and Drug Counselor (LADC) through the Board of Behavioral Health and Therapy. The Certificate program satisfies the 270 hours of classroom instruction and the 880-hour practicum (internship) required to obtain the LADC in Minnesota in a setting which satisfies MN Statute 148C.04. A bachelor's degree is required to complete the LADC requirements. The bachelor's degree can be completed through a number of different transfer degrees. Students can obtain the Alcohol and Drug Counselor Temporary (ADCT) qualification with the two-year degree which can lead to initial employment in the field.

The courses in the CDC program will provide students with the knowledge of the State of Minnesota requirements for the LADC including an overview of alcohol and drug counseling focusing on the transdisciplinary foundations of alcohol and drug counseling, an understanding of the theories of chemical dependency, the continuum of care, and the process of change; pharmacology and the dynamics of addiction, case management, screening, intake, assessment, treatment planning and counseling theory and practice; treating substance abuse disorders with culturally diverse and identified populations; co-occurring disorders and professional ethics.

The practicum will provide the student with the opportunity to develop clinical skills under the supervision of a qualified LADC clinical supervisor at an approved site. The practicum will provide the student with the opportunity to develop proficiency in the twelve core functions as defined by the Board of Behavioral Health and Therapy.

The Chemical Dependency Certificate is recognized by the Minnesota College System as a separate college degree and is therefore eligible for financial aid.

Required Courses

- CDEP 2001 Chemical Dependency Theories
- CDEP 2020 CD Assessment and Procedures
- CDEP 2030 Co-Occurring Disorders
- CDEP 2050 CD Practicum I
- CDEP 2051 CD Practicum II
- PSYC 1030 Drug Use and Abuse
- PSYC 2020 Group Dynamics

Law Enforcement

The mission of the Law Enforcement department at Fond du Lac Tribal and Community College is to provide a comprehensive approach to law enforcement, focusing on current and past practices in law enforcement, including problem solving, conflict resolution, and community involvement and partnerships.

Special attention is paid to police and public safety ethics. A unique focus of our mission is to recruit, educate and train American Indians seeking criminal justice careers. As part of this unique mission, it is also a focus to provide non-Indian students perspectives into the diversities involving communities of color.

Instructors on staff include current and former peace officers, investigators, lawyers and judges. Fond du Lac Tribal and Community College enjoys a great partnership with area law enforcement agencies and organizations. This partnership allows students direct exposure to current professionals and practical experiences and application. The compact, streamlined program can be completed in two years. For students who have a college degree or some college experience, it is possible to complete the program in one year.

The Law Enforcement program's goals are as follows:

1. Students will acquire an understanding of the law enforcement profession and be able to communicate effectively in that profession.



2. Students in the law enforcement program will be trained to the state Peace Officer Standards and Training (POST) Board standards, learning the Professional Peace Officer Education (PPOE) Learning Objectives. These standards will give the students the opportunity to test for and be employed in the law enforcement profession in the state of Minnesota.
3. Students will become proficient in leadership development, cultural awareness, and current trends in the profession.
4. Students in the law enforcement program will develop an understanding of liberal arts for a foundation of effective oral and written communication, analytical reasoning, social behavior, and scientific aspects.
5. The law enforcement program will: Recruit, retain, complete, and place a majority of students from region.

Associate of Science Degree in Law Enforcement

(68 credits)

Required Program Courses

- HLTH 1050 Emergency Medical Responder
- LAW 1001 Introduction to Criminal Justice
- LAW 1020 Criminal Investigation
- LAW 2010 Criminal Procedure and Evidence
- LAW 2020 Minnesota Statutes and Traffic Law
- LAW 2030 Critical Issues and Community Relations
- LAW 2050 Use of Force I: Defensive Tactics
- LAW 2051 Use of Force II: Firearms
- LAW 2052 Leadership, Ethics, and Diversity in Law Enforcement
- LAW 2053 Practical Applications of Criminal Investigations
- LAW 2054 Patrol Procedures

General Education Courses

- ENGL 1101 College Composition
- ENGL 1120 Writing for Professionals
- SPCH 1020 Interpersonal Communication
- OR
- SPCH 1010 Public Speaking
- BIOL 1011 Introduction to Forensic Biology
- OR
- BIOL 1060 Environmental Science
- LAW 1010 Crime and Delinquency
- SOC 1001 Introduction to Sociology
- POLS 1020 State and Local Government
- AMIN 1050 Anishinaabeg of Lake Superior

Student must complete one MnTC Goal 4 Mathematical/Logical Reasoning course

Student must complete one MnTC Goal 6 Humanities and the Fine Arts course

Optional Electives (above 68 credit requirements)

- PE 1040 Introduction to Conditioning
- LAW 1005 Seeking Careers in Criminal Justice
- LAW 1072 Introduction to Cyber
- 2095 Law Enforcement Internship

Associate of Arts Degree Option

To earn an Associate of Arts degree in addition to the Associate of Science degree outlined above, the student must complete a course from each of the following goal areas:

1. Communication: ENGL 1102 Advanced Composition
 3. Natural Science
 6. Humanities (from a discipline other than one used for the Associate of Science Degree)
 8. Global Perspective (may be completed with Humanities Course)
 10. People and the Environment BIOL 1060 Environmental Science recommended
- Two Physical Education courses

Associate of Applied Science Degree in Criminal Justice (60 credits)

Required Program Courses

- LAW 1001 Introduction to Criminal Justice
- LAW 1005 Seeking Careers in Criminal Justice
- LAW 1010 Crime and Delinquency
- LAW 1020 Criminal Investigation
- LAW 2010 Criminal Procedure and Evidence
- LAW 2020 Minnesota Statutes and Traffic Law
- LAW 2030 Critical Issues and Community Relations

General Education Requirements

- ENGL 1101 College Composition
- ENGL 1120 Writing for Professionals
- SPCH 1020 Interpersonal Communication
- OR
- SPCH 1010 Public Speaking
- BIOL 1011 Introduction to Forensic Biology
- OR
- BIOL 1060 Environmental Science
- PSYC 2001 General Psychology
- SOC 1001 Introduction to Sociology
- SOC 2010 Social Problems
- POLS 1020 State and Local Government
- AMIN 1050 Anishinaabeg of Lake Superior

Additional courses

- One from MnTC Goal 4 Mathematical/Logical Reasoning
- One from MnTC Goal 6 Humanities and Fine Arts
- Two from MnTC Physical Education

Optional Electives (above 60 credit requirements)

- LAW 1072 Introduction to Cyber
- LAW 2095 Law Enforcement Internship
- CORR 2025 Best Practices in Corrections

Associate of Arts Degree Option

To earn an Associate of Arts degree in addition to the Associate of Applied Science degree outlined above, the student must complete a course from each of the following MnTC goal areas:

3. Natural Science
6. Humanities (from a discipline other than one used for the Associate of Science Degree)
8. Global Perspective (may be completed with Humanities Course)
10. People and the Environment BIOL 1060 Environmental Science recommended

Law Enforcement PPOE Diploma (40 credits)

Required Program Courses

- LAW 1001 Introduction to Criminal Justice
- LAW 1010 Crime and Delinquency
- LAW 1020 Criminal Investigation 4 F/S
- LAW 2010 Criminal Procedure and Evidence
- LAW 2020 Minnesota Statutes and Traffic Law
- LAW 2030 Critical Issues and Community Relations
- LAW 2050 Use of Force I: Basic Defensive Tactics
- LAW 2051 Use of Force II: Firearms
- LAW 2052 Leadership, Ethics, and Diversity in Law Enforcement
- LAW 2053 Practical Applications of Criminal Investigations
- LAW 2054 Patrol Procedures
- HLTH 1050 Emergency Response/First Responder

Optional Electives (above 40 credit requirements)

- LAW 1072 Introduction to Cyber
- LAW 2095 Law Enforcement Internship
- CORR 2025 Best Practices in Corrections

This PPOE Diploma is designed for individuals who already have a college degree and need to become Minnesota POST Board eligible. Students that start this program in the Fall will complete the requirements in June of the following year. Students that begin the program in the Spring semester will complete the requirements in the Fall semester.



Nursing

The Nursing program at Fond du Lac Tribal and Community College is designed to train students for a range of careers in the field of Nursing. The program emphasizes work environment and situations common to rural and tribal health care sites. The Nursing program is approved by the Minnesota Board of Nursing.

FDLTC's associate degree in nursing prepares students to provide excellent nursing care as registered nurses and emphasizes compassionate, safe, and culturally competent care for individual patients, families, and communities. The curriculum engages students in current evidence-based practice, interdisciplinary collaboration, teamwork, nursing informatics, and knowledge of quality and safety in health care systems.

Students who complete FDLTC's ADN nursing program will:

1. Demonstrate nursing care that is client centered, culturally sensitive, and based on the holistic needs of clients and families (Patient Centered Care).
2. Use sound nursing judgment in the provision of safe, quality, care (Nursing Judgment).
3. Practice professional nursing in an ethical and legal manner that integrates integrity, accountability, leadership and organizational skills (Professional Identity).
4. Function effectively as individuals and within the interdisciplinary team with open communication, mutual respect and shared decision making (Teamwork and Collaboration).
5. Contribute to the management of healthcare and continued quality improvement by incorporating evidence- based practice, cost containment and current technology (Quality Improvement).

Associate Degree in Nursing

(64 credits)

Required Program Courses:

- NURS 1135 Holistic Nursing Care I
- NURS 1136 Holistic Nursing Care I Clinical
- NURS 1140 Holistic Nursing Care II
- NURS 1141 Holistic Nursing Care II Clinical
- NURS 2135 Holistic Nursing Care III
- NURS 2136 Holistic Nursing Care III Clinical
- NURS 2140 Holistic Nursing Care IV
- NURS 2141 Holistic Nursing Care IV Clinical
- NURS 2130 Community Clinical
- NURS 2145 Nursing Leadership

General Education Requirements:

- ENGL 1101 College Composition
- BIOL 2010 Microbiology
- BIOL 2020 Human Anatomy & Physiology I (prerequisite)
- BIOL 2021 Human Anatomy & Physiology II(prerequisite)
- BIOL 2015 Pathophysiology
- MATH 1010 College Algebra or MATH 1030 Introduction to Statistics
- PSYC 2010 Development Psychology (prerequisite)
- PSYC 2030 Abnormal Psychology
- AMIN 1050 Anishinaabeg of Lake Superior
- BIOL 1001 Concept of Cell Biology (prerequisite)

Required for LPN advanced entry prior to semester 3 (Advanced Standing Credits=8)

- NURS 2010 Bridge to Professional Nursing

Nursing Assistant and Home Health Aid Certificate

(4 credits)

- HLTH 1005 Introduction to Nursing/NA/Home Health Aid



Sciences

Health Science Broad Field Associate of Science Degree

The Health Science Broad Field Associate in Science is designed to transfer to related health sciences baccalaureate degree programs at system universities. The program provides a general health sciences background. Students can select specific electives based on the university program they are interested in transferring to such as dental hygiene, exercise science, cardiopulmonary rehabilitation, community health, biology, or nursing.

Required Program Courses

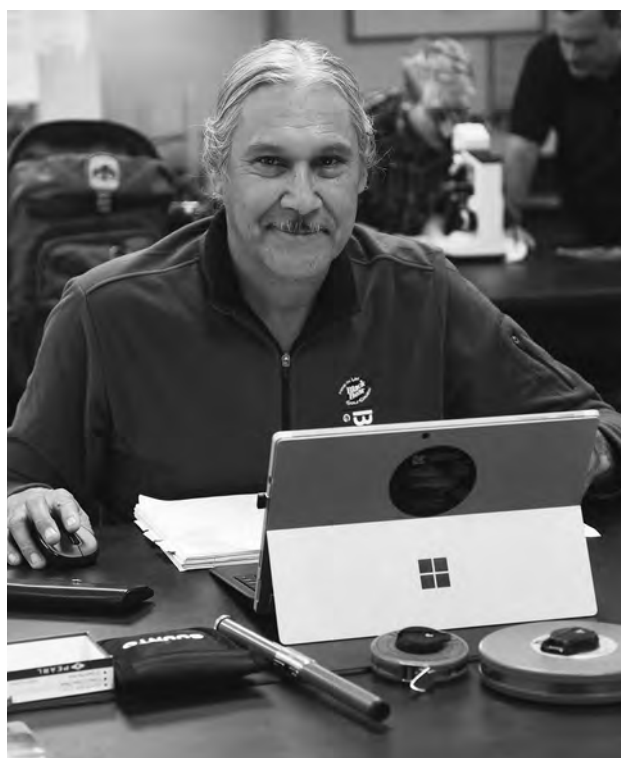
AMIN 1050 Anishinaabeg of Lake Superior
 BIOL 1101 General Biology I
 BIOL 2005 Nutrition
 BIOL 2010 Microbiology
 BIOL 2020/2021 Anatomy and
 Physiology I/II
 CHEM 1010 General Chemistry I
 ENGL 1101 College Composition
 ENGL 1102 Advance College Composition
 MATH 1010 College Algebra
 MATH 1030 Introduction to Statistics
 PHIL 2010 Ethics
 PSYC 2001 General Psychology
 PSYC 2010 Developmental Psychology
 SOC 1001 Introduction to Sociology
 SPCH 1020 Interpersonal Communication

One additional 3 credit course of the student's choice is to be selected to reach the 60 credit requirement for the A.S. degree.

Environmental Science

The Environmental Science program at Fond du Lac Tribal and Community College is intended to be an introductory science sequence with an emphasis on ecosystem interactions and human impacts on the environment. Environmental scientists work toward the defining and solving of environmental problems caused by human activity.

Environmental Science at FDLTCC includes course work in Geospatial Technologies, which is an increasingly important tool in evaluation and planning in the field. Graduates are qualified to transfer to institutions offering a bachelor's degree in Environmental Science/Studies, Biology, and many other related fields. Upon completion of a bachelor's degree, students are qualified for a variety of jobs in the biological sciences as well as consulting and teaching. Graduates of the associate of science degree program may also qualify for entry level environmental or natural resources technician positions with the public and private sector.



Associate of Science Degree

Required General Education Courses

AMIN 1050 Anishinaabeg of Lake Superior
 ENGL 1101 College Composition
 ENGL 1102 Advanced College Composition
 MATH 1010 College Algebra
 OR
 MATH 1030 Introduction to Statistics

The student must complete one additional course from each Goal area

Goal 5: History and the Social and Behavioral Science
 (Group 1)
 Goal 6: Humanities and Fine Arts (not PHIL)

Required Program Courses

BIOL 1101 General Biology I
 BIOL 1102 General Biology II
 BIOL 1060 Environmental Science
 BIOL 1065 Ecology of Minnesota
 BIOL 2050 Principles of Ecology
 GEOL 1001 Introductory Geology
 GEOG 1030 Environmental Conservation
 GEOG 1050 Introduction to Geographic Information
 Systems
 GEOG 2030 Remote Sensing of the Environment
 GEOG 2050 Practical Applications in GIS
 PHIL 2070 Environmental Ethics



Associate of Arts Degree Option

To earn an Associate of Arts degree in addition to the Associate of Science degree outlined above, the student must complete a course from each of the following MnTC goal areas:

1. Communication (SPCH 1010 Public Speaking or SPCH 1020 Interpersonal Communication)
8. Global Perspective (one course which may have been completed if the selected Humanities course also meets goal 8.)

Physical Education (two courses)