



SUGGESTED PLAN OF STUDY – 60 credits

FIRST YEAR	YOUR COURSES
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SEMESTER 1

<input type="checkbox"/>	EDU 102	Miikana—FYE	2	
<input type="checkbox"/>	ENGL 101	English Composition I	3	
<input type="checkbox"/>	ITECH 100	Computer Apps I	3	
<input type="checkbox"/>	OJI 101	Speaking Ojibwe I	4	
<input type="checkbox"/>	Goal 4	MATH140 or Higher	3/4	
	Total Credits		15/16	

SEMESTER 2

<input type="checkbox"/>	ANI 100	Anishinaabe Studies	3	
<input type="checkbox"/>	OJI 102	Speaking Ojibwe II	4	
<input type="checkbox"/>	Goal 1	Communications	3	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	GE	General Elective	3	
	Total Credits		16	

SECOND YEAR	YOUR COURSES
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SEMESTER 3

<input type="checkbox"/>	Goal 3	Natural Science	3/4	
<input type="checkbox"/>	Goal 5	History & Social Science	3	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	GE	General Elective	3	
<input type="checkbox"/>	GE	General Elective	3	
	Total Credits		15/16	

SEMESTER 4

<input type="checkbox"/>	Goal 3	Natural Science	3/4	
<input type="checkbox"/>	Goal 5	History & Social Science	3	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	GE	General Elective	3-5	
	Total Credits		12-14	

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

ENGL 096	Writing & Reading Skills	3	
MATH 094	Algebra Skills	3	



SUGGESTED PLAN OF STUDY – 63 credits

FIRST YEAR	YOUR COURSES
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SEMESTER 1

<input type="checkbox"/>	EDU 102	Miikana—FYE	2	
<input type="checkbox"/>	ENGL 101	English Composition I	3	
<input type="checkbox"/>	ITECH 100	Computer Apps I	3	
<input type="checkbox"/>	Goal 3	Natural Science	3/4	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
		Total Credits	14/15	

SEMESTER 2

<input type="checkbox"/>	ANI 100	Anishinaabe Studies	3	
<input type="checkbox"/>	PHIL 200	Indigenous Philosophy	3	
<input type="checkbox"/>	Goal 1	Communications	3	
<input type="checkbox"/>	Goal 4	MATH140 or Higher	3/4	
<input type="checkbox"/>	Goal 3	Natural Science	3/4	
		Total Credits	15-17	

SECOND YEAR	YOUR COURSES
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SEMESTER 3

<input type="checkbox"/>	HIS 150	History of Leech Lake	3	
<input type="checkbox"/>	OJI 101	Speaking Ojibwe I	4	
<input type="checkbox"/>	Goal 5	History & Social Science	3	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	IL	Leadership Elective	2-4	
		Total Credits	15-17	

SEMESTER 4

<input type="checkbox"/>	ANI 200	Indigenous Leadership	3	
<input type="checkbox"/>	ANI 299	IL Internship	3	
<input type="checkbox"/>	ENGL 250	Contemp. A.I. Literature	3	
<input type="checkbox"/>	OJI 102	Speaking Ojibwe II	4	
<input type="checkbox"/>	POLSC 225	Treaty Law & Tribal Sov.	3	
		Total Credits	16	

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

ENGL 096	Writing & Reading Skills	3
MATH 094	Algebra Skills	3



SUGGESTED PLAN OF STUDY – 60 credits

FIRST YEAR	YOUR COURSES
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SEMESTER 1

<input type="checkbox"/>	ANI 100	Anishinaabe Studies	3	
<input type="checkbox"/>	EDU 102	Miikana—FYE	2	
<input type="checkbox"/>	ENGL 101	English Composition I	3	
<input type="checkbox"/>	ITECH 100	Computer Apps I	3	
<input type="checkbox"/>	Goal 3	Natural Science	3/4	
Total Credits			14/15	

SEMESTER 2

<input type="checkbox"/>	Goal 1	Communications	3	
<input type="checkbox"/>	Goal 3	Natural Science	3/4	
<input type="checkbox"/>	Goal 4	MATH155 or Higher	3	
<input type="checkbox"/>	Goal 5	History & Social Science	3	
<input type="checkbox"/>	STEM	STEM Elective	3	
Total Credits			15/16	

SECOND YEAR	YOUR COURSES
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SEMESTER 3

<input type="checkbox"/>	BIO 200	Ethnobiology	3	
<input type="checkbox"/>	OJI 101	Speaking Ojibwe I	4	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	STEM	STEM Elective	3	
<input type="checkbox"/>	STEM	STEM Elective	3	
Total Credits			16	

SEMESTER 4

<input type="checkbox"/>	OJI 102	Speaking Ojibwe II	4	
<input type="checkbox"/>	Goal 5	History & Social Science	3	
<input type="checkbox"/>	Goal 6	Humanities & Arts	3	
<input type="checkbox"/>	STEM	STEM Elective	3	
<input type="checkbox"/>	STEM	STEM Elective	2	
Total Credits			15	

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

ENGL 096 Writing & Reading Skills 3
 MATH 094 Algebra Skills 3 &/or MATH 140

Minnesota Transfer Curriculum.

Students transferring from LLTC to another Minnesota public institution of higher education will have fulfilled the Core liberal education requirements if they have completed required courses in the following ten goal areas: 1) Communication, 2) Critical Thinking, 3) Natural Science, 4) Mathematical/Logical Reasoning, 5) History and the Social and Behavioral Sciences, 6) The Humanities and Arts, 7) Human Diversity, 8) Global Perspective, 9) Ethical and Civic Responsibility, and 10) People and the Environment.

ANOOJI GIKENDAASOWIN EZHI-AYAAG AKI

“Varied Knowledge: How the world is” - LIBERAL EDUCATION STEM Emphasis

GOAL 1– Communication: 6 credits (*3 credits satisfied by LLTC Core ENGL 101*)

ENGL 102 English Composition II SPCH 201 Speech and Communications

GOAL 2– Critical Thinking (*Satisfied by MNTC requirements*)

GOAL 3– Natural Sciences: 7 credits (*1 Biological and 1 Physical*)

Biological Science

BIO 121 General Biology I & Lab
BIO 122 General Biology II & Lab
BIO 204 Environmental Science

Physical Science

CHEM 100 Foundations of Chemistry & Lab
CHEM 111 General Chemistry I & Lab
GEOL 110 Intro to Geology and Earth Systems
PSCI 150 Indigenous Astronomy

GOAL 4– Mathematical/Logical Reasoning: 3 credits

MATH 155 Advanced College Algebra MATH 210 Pre-Calculus
MATH 250 Calculus

GOAL 5– History and Social and Behavioral Sciences: 6 credits

GEOG 200 Cultural Geography PSY 140 Development Psychology
HIS 101 US History & Indigenous History PSY 200 Indigenous American Psychology
HIS 150 History of Leech Lake PSY 220 Abnormal Psychology
POLSC 225 Treaty Law and Tribal Sovereignty SOC 101 Introduction to Sociology
PSY 100 General Psychology

GOAL 6– The Humanities and Fine Arts: 6 credits

ART 100 Intro to Traditional/Contemp. Art ENGL 250 Contemporary American Indian Lit
ENGL 200 Literature and the Environment ENGL 299 Special Topics in Literature
ENGL 220 Creative Writing

Select 1 course from below

ART XXX Art Course, See course descriptions in the Course Catalog for complete listings
MUS 250 History of Anishinaabe Music and Dance
PHIL 200 Indigenous American Philosophy

GOAL 7– Human Diversity (*Satisfied by LLTC Core ANI 100*)

GOAL 8– Global Perspective (*Satisfied by LLTC Core OJI 101*)

GOAL 9– Ethical and Civic Responsibility (*Satisfied by LLTC Core ITECH 100*)

GOAL 10– People and the Environment (*Satisfied by BIO 200*)

STEM ELECTIVES: 14 credits (*6 credits minimum from 200+ level*)

Discipline areas BIO, CHEM, ESS, FOR, GEOL, ITECH, MATH 150+, and PSCI.
See course descriptions in the Course Catalog for complete class listings



SUGGESTED PLAN OF STUDY – 60 credits

FIRST YEAR YOUR COURSES

SEMESTER 1

Table with 4 columns: checkbox, course code, course name, credits, and a blank line for course selection. Includes courses like *ECE 180, EDU 102, ENGL 101, ITECH 100, OJI 101, and Total Credits 15.

SEMESTER 2

Table with 4 columns: checkbox, course code, course name, credits, and a blank line for course selection. Includes courses like ANI 100, ECE 201, ECE 210, OJI 102, Goal 1, and Total Credits 16.

SECOND YEAR YOUR COURSES

SEMESTER 3

Table with 4 columns: checkbox, course code, course name, credits, and a blank line for course selection. Includes courses like **ART 100, *ECE 220, ECE 240, Goal 3, Goal 4, and Total Credits 15-17.

SEMESTER 4

Table with 4 columns: checkbox, course code, course name, credits, and a blank line for course selection. Includes courses like ECE 222, *ECE 299, Goal 3, Goal 6, and Total Credits 13/14.

See back page for complete class options/listings

Note: It will take additional time to graduate if you need to complete:

ENGL 096 Writing & Reading Skills 3

MATH 094 Algebra Skills 3



SUGGESTED PLAN OF STUDY – 60 credits

FIRST YEAR	YOUR COURSES
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SEMESTER 1

<input type="checkbox"/>	BUS 100	Introduction to Business	3	
<input type="checkbox"/>	BUS 160	Human Resource Mgmt	3	
<input type="checkbox"/>	EDU 102	Miikana—FYE	2	
<input type="checkbox"/>	ENGL 101	English Composition I	3	
<input type="checkbox"/>	ITECH 100	Computer Apps I	3	
	Total Credits		14	

SEMESTER 2

<input type="checkbox"/>	ACCT 110	Real Life Financial Info	3	
<input type="checkbox"/>	BUS 230	Mgmt/Leadership	3	
<input type="checkbox"/>	SPCH 201	Speech and Comm.	3	
<input type="checkbox"/>	MATH	MATH140 or Higher	3/4	
<input type="checkbox"/>	BUSINESS	Business Elective	3	
	Total Credits		15/16	

SECOND YEAR	YOUR COURSES
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SEMESTER 3

<input type="checkbox"/>	ANI 100	Anishinaabe Studies	3	
<input type="checkbox"/>	BUS 190	Principles of Marketing	3	
<input type="checkbox"/>	BUS 260	Business Comm.	3	
<input type="checkbox"/>	POLSC 225	Treaty Law & Tribal Sov.	3	
<input type="checkbox"/>	SCIENCE	Natural Science	4	
	Total Credits		16	

SEMESTER 4

<input type="checkbox"/>	ACCT 150	Financial Accounting	3	
<input type="checkbox"/>	BUS 250	Business Law	3	
<input type="checkbox"/>	OJI 101	Speaking Ojibwe I	4	
<input type="checkbox"/>	TA 210	Tribal Administration	3	
	Total Credits		14	

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

ENGL 096	Writing & Reading Skills	3
MATH 094	Algebra Skills	3

Associate of Applied Science Degree

The Associate of Applied Science degree provides the opportunity for students to study more in-depth in one subject area such as Business Management, Law Enforcement, or Integrated Residential Builder. Students who choose this option are not primarily interested in transferring into a four-year degree program, but in entering the job market immediately upon completion of the A.A.S. degree. However, some of the courses may transfer into a four-year degree program.

BABAAMIZIWIN MIINAWAA ANISHINAABE OGIMAAG

“Business and Tribal Administration”– Business Management

Business Management Elective: 3 credits

ACCT 120	Payroll Accounting
BUS 270	Entrepreneurship
BUS 295	Special Topics in Business
BUS 299	Business Internship
ITECH 150	Computer Applications II

Natural Sciences Elective: 4 credits

BIO 121	General Biology I & Lab
BIO 122	General Biology II & Lab
CHEM 100	Foundations of Chemistry & Lab
CHEM 111	General Chemistry I & Lab
GEOL 110	Intro to Geology and Earth Systems

Math Elective: 3 credits

MATH 140	Concepts in Math
MATH 150	College Algebra
MATH 155	Advanced College Algebra
MATH 210	Pre-Calculus
MATH 250	Calculus

Associate of Applied Science Degree

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GENAWENDAMOWAAD INAAKONIGEWIN– Law Enforcement

Natural Sciences Elective: 4 credits

BIO 121	General Biology I & Lab
BIO 122	General Biology II & Lab
CHEM 100	Foundations of Chemistry & Lab
CHEM 111	General Chemistry I & Lab
GEOL 110	Intro to Geology and Earth Systems

EMS First Responder needed.

POST Skills Training (Hibbing Community College) Required to qualify for MN Peace Officers Exam (12 credits)

Law Enforcement careers may include:

Local Police Officer

Tribal Police Officer

Deputy Sheriff

State Trooper

Criminal Investigator

Conservation Officer

Private Security

Corrections Officer

State Police Agency

Federal Law Enforcement Agencies

Employment opportunities for Law Enforcement students are in demand. Only three states presently have the college degree requirements to be a licensed police officer, making graduates from Minnesota highly desirable in many locations around the country.



SUGGESTED PLAN OF STUDY – 33 or 62 credits

1-Year Diploma Program

SEMESTER 1-Fall

<input type="checkbox"/>	BLTD 114	Construction Safety	2
<input type="checkbox"/>	CARP 112	Welding I	2
<input type="checkbox"/>	CARP 114	Framing Sustainable Design	5
<input type="checkbox"/>	CARP 116	Foundations & Footing Design	3
<input type="checkbox"/>	EDU 100	Critical Thinking & Problem Solving	1
<input type="checkbox"/>	MATH 100	Technical Math	4
		Total Credits	17

SEMESTER 2– Spring

<input type="checkbox"/>	BLTD 100	Construction Codes	1
<input type="checkbox"/>	BLTD 110	Blueprint Plans & Construction Estimating	2
<input type="checkbox"/>	CARP 120	Interior & Exterior Finishes	4
<input type="checkbox"/>	EDU 140	Professional Skills	3
<input type="checkbox"/>	ENER 150	Intro to Renewable Energy	3
<input type="checkbox"/>	ITECH 100	Computer Applications I	3
	Or ANI 100	Intro to Anishinaabe Studies	
		Total Credits	16

2-Year AAS Degree Program

SEMESTER 3-Fall

<input type="checkbox"/>	CARP 200	Weatherization Applications in Building	2
<input type="checkbox"/>	CARP 206	Advanced Framing Techniques	2
<input type="checkbox"/>	CARP 210	2D Layout for Shop and Construction	1
<input type="checkbox"/>	ELEC 110	Introduction to Electrical Circuit Theory	3
<input type="checkbox"/>	ENER 210	Introduction to Photovoltaics	3
<input type="checkbox"/>	GEOL 110	Intro to Geology and Earth Systems	4
		Total Credits	15

SEMESTER 4-Spring

<input type="checkbox"/>	ANI 150	Traditional Building Arts	2
	Or CARP 212	Landscape Construction	
<input type="checkbox"/>	BUS 270	Entrepreneurship	3
<input type="checkbox"/>	CARP 216	Woodworking	2
<input type="checkbox"/>	CARP 295	Internship	1
<input type="checkbox"/>	ENER 200	Residential Mechanical Systems	3
<input type="checkbox"/>	ENER 160	Sustainable Landscape Design & Site P	3
		Total Credits	14

Associate of Applied Science Degree

The Associate of Applied Science degree provides the opportunity for students to study more in-depth in one subject area such as Business Management, Law Enforcement, or Integrated Residential Builder. Students who choose this option are not primarily interested in transferring into a four-year degree program, but in entering the job market immediately upon completion of the A.A.S. degree. However, some of the courses may transfer into a four-year degree program.

GIWAAKAA'IGEMIN "We build"

Residential Carpentry and Integrated Residential Builder

Earning a Carpentry diploma or A.A.S. degree from LLTC creates opportunity for our graduates to be competitive in any entry-level apprenticeship position.

Carpentry careers may include:

- Construction Laborers and Helpers
- Carpenters Union
- Journeyman Apprenticeships
- Drywall and Ceiling Tile Installers and Tapers
- Flooring Installers and Tile Setters
- Wood Products/Wood Manufacturing
- Building Contractor/Entrepreneur
- Masonry Workers
- Furniture and Cabinet Manufacturer
- Building Systems Analyst
- Weatherization Technician
- Welder Certification
- Solar Installer Certification
- Green Technology Technician

Associate of Science Degree

Students who chose this option are prepared for employment at the technician level upon completion of this degree, or they may choose to continue on into a four year program. The Forest Ecology program is intended for students with an interest in plant communities, water, forestry, wildlife and fisheries and/or recreation management.

GIKENIMINDWAA MITIGOOG -“Getting to know the trees” -Forest Ecology

Forest Ecology careers may include:

- Forestry, Wildlife or Plant Ecology Technician
- GIS Technician
- Research Assistant
- Continue your education through a four-year degree in one of the above fields.

Job and internship opportunities are available with:

- Tribal agencies, including Leech Lake Division of Resource Management
- Federal, state and local governments
- Non-governmental organizations
- Environmental consulting companies
- Educational institutions



SUGGESTED PLAN OF STUDY – 63-68 credits

FIRST YEAR	YOUR COURSES
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SEMESTER 1

<input type="checkbox"/>	EDU 102	Miikana—FYE	2	
<input type="checkbox"/>	ENGL 101	English Composition I	3	
<input type="checkbox"/>	BIO 121	General Biology I	4	
<input type="checkbox"/>	MATH	MATH155 or Higher	3	
<input type="checkbox"/>	ESS	ESS Elective	3/4	
Total Credits			15/16	

SEMESTER 2

<input type="checkbox"/>	ANI 100	Anishinaabe Studies	3	
<input type="checkbox"/>	ITECH 100	Computer Applications I	3	
<input type="checkbox"/>	BIO 122	General Biology II	4	
<input type="checkbox"/>	BIO 204	Environmental Science	3	
<input type="checkbox"/>	COMM	Communications Elective	3	
Total Credits			16	

SECOND YEAR	YOUR COURSES
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SEMESTER 3

<input type="checkbox"/>	SCIENCE	Chemistry	4	
<input type="checkbox"/>	OJI 101	Speaking Ojibwe I	4	
<input type="checkbox"/>	ESS	ESS Elective	3/4	
<input type="checkbox"/>	ESS	ESS Elective	3/4	
<input type="checkbox"/>	GE	History or Art Elective	3	
Total Credits			17-19	

SEMESTER 4

<input type="checkbox"/>	ESS	ESS English Requirement	3	
<input type="checkbox"/>	ESS	ESS Elective	3/4	
<input type="checkbox"/>	ESS	ESS Elective	3/4	
<input type="checkbox"/>	POLSC 225	Treaty Law and Tribal S	3	
<input type="checkbox"/>	GE	History or Art Elective	3	
Total Credits			15-17	

See back page for complete class options/listings

***Note: It will take additional time to graduate if you need to complete:*

ENGL 096	Writing & Reading Skills	3	
MATH 094	Algebra Skills	3 &/or MATH 140/150	

Associate of Science Degree

This program will provide students an opportunity to customize their education either to enter the workforce as a technician or to transition into a four-year Earth Science degree. Earth Systems Science students will work closely with our partners and have meaningful contacts when pursuing a career.

AZHEGIIWE BAGWAJAYA'II - "He/She goes back to the wilderness"

Earth Systems Science

Communications Elective: 3 credits

ENGL 102 English Composition II
SPCH 201 Speech and Communications

Science Elective: 3 credits

CHEM 100 Foundations of Chemistry & Lab
CHEM 111 General Chemistry I & Lab

ESS Elective: 12 credits

BIO 140 Ecology **OR** BIO 200 Ethnobiology
ESS 220 Introduction to Atmospheric Science
ESS 240 Watershed Research Methods and the Leech Lake Area
FOR 210 Freshwater Studies
GEOL 110 Physical Geology and Earth Systems
GEOL 210 Soil and Sediments and the Leech Lake Area

ESS English Requirement: 3

ENGL 200 Literature and the Environment
ENGL 250 Contemporary American Indian Literature

Arts and Humanities Elective: 6 credits

ART XXX Art Course, See course descriptions in the Course Catalog for complete listings
MUS 250 History of Anishinaabe Music and Dance
PHIL 200 Indigenous American Philosophy

History and Social Sciences Elective: 3 credits

HIS 101 US History & Indigenous History
HIS 150 History of Leech Lake
PSY 100 General Psychology
SOC 101 Introduction to Sociology

Earth Systems Science careers may include:

- Field Technician for Environmental Assessments
- Wetland Delineation Crew Member
- Research Assistant
- Water Quality Technician
- Analytical Laboratory Assistant
- Air Quality Analyst
- Tribal Leadership