



GIWAAKAA'IGEMIN — Residential Builder 2020-2021

SUGGESTED PLAN OF STUDY – 30 or 60 credits

1-Year Diploma Program

SEMESTER 1-Fall

<input type="checkbox"/> BLTD 114 Construction Safety	2
<input type="checkbox"/> CARP 114 Framing Sustainable Design	5
<input type="checkbox"/> CARP 116 Foundations & Footing Design	3
<input type="checkbox"/> CARP112 Welding	2
<input type="checkbox"/> MATH 100 Technical Math	4

Total Credits16

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	5
<input type="checkbox"/> EDU 140 Professional Skills	3
<input type="checkbox"/> CARP 206 Framing Sustainable Design II	3

Total Credits14

2-Year AAS Degree Program

SEMESTER 3-Fall

<input type="checkbox"/> CARP 200 Weatherization Applications in Building	2
<input type="checkbox"/> CARP 226 Framing Sustainable Design III	3
<input type="checkbox"/> CARP 210 3D Layout for Shop and Construction	2
<input type="checkbox"/> ENER 150 Intro to Renewable Energy	3
<input type="checkbox"/> ENER 210 Introduction to Solar Energy	2
<input type="checkbox"/> OJI 101 Speaking Ojibwe I	4

Total Credits16

SEMESTER 4-Spring

<input type="checkbox"/> FOR 101 Intro to Forestry	3
<input type="checkbox"/> CARP 216 Woodworking	2
<input type="checkbox"/> CARP 295 Internship	3
<input type="checkbox"/> ENER 200 Residential Mechanical Systems	3
<input type="checkbox"/> ENER 160 Sustainable Landscape Design & Site Planning	3

Total Credits14

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