

# Minnesota North College-Mesabi, Eveleth Campus Academic Year 2022-23

## Carpentry Diploma (31 credits)

FALL SEMESTER 2022 – 16 Credits		CREDITS	HOURS LEC/LAB
CARP 1221	Blueprint Reading and Estimating 1	3	1/4
CARP 1229	Concrete	2	0/4
CARP 1231	Principles of Carpentry 1-A Theory	2	2/0
CARP 1235	Core Construction Trade Skills	4	3/2
CARP 1241	Principles of Carpentry 1-A Lab	4	0/8
ALHE 1100	Heartsaver First Aid with CPR and AED	1	1/0
SPRING SEMESTER 2023 – 15 Credits			
CARP 1222	Blueprint Reading and Estimating 2	2	2/0
CARP 1227	Introduction to Building Codes	1	1/0
CARP 1228	Cabinetry	1	0/2
CARP 1232	Principles of Carpentry 1-B Theory	3	3/0
CARP 1234	Safe Operation of Power Industrial Lift Trucks/Material Handling	2	1/2
CARP 1242	Principles of Carpentry 1-B Lab	4	0/8
WELD 1220	Basic Welding Skills	2	0/4

### PROGRAM DESCRIPTION

Lab activities involve actual hands-on construction. Working models and mock-ups as well as actual recreational and storage buildings and garages will be constructed by first-year students. Related instruction emphasizes math, blueprint reading, estimating, materials of construction, tools and equipment, principles of carpentry and safety.

*Helpful background* - Courses in math, design, drawing, drafting, and woodworking are helpful. Business courses in accounting, management, sales, and general business can be very useful.

### ARTICULATION AGREEMENTS

- Bemidji State University – Project Management

### EMPLOYMENT OPPORTUNITIES

Graduates find work with small and large contractors doing new construction and remodeling, sash and window companies, lumber companies, and many become self-employed. Remodeling and energy conservation work are projected to become major areas of growth. Carpenters may advance to positions such as job supervisor, superintendent, or a self-employed contractor. Other related employment possibilities include sales, lumberyard management, building inspection, cabinet making, roofing, drywall installation, maintenance carpentry or factory rep positions.

### PROGRAM FACULTY

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