

Carpentry (Technical Diploma)

The Carpentry program prepares individuals to apply technical knowledge and skills to lay out, fabricate, erect, install, and repair wooden structures and fixtures using hand and power tools. The program also includes instruction in areas such as common systems of framing, construction materials, estimating, blueprint reading, and finish carpentry techniques.

To receive this diploma, the student must:

- Have a cumulative GPA of 2.00 or better in all credit hours to be used towards the degree.
- Earn a "C" or better in all coursework.
- Complete the coursework listed below.

Program Outcomes. Upon successful completion of the program, the graduate will be able to:

1. Demonstrate skills needed for entry and advanced levels of employment in a carpentry career.
2. Demonstrate the ability to build, repair, and maintain residential and commercial buildings.
3. Demonstrate safe and efficient work practices, basic occupational skills, employability skills, and strong work ethics.

PROGRAM OF STUDY

First Semester		Credit Hours
CARP 1103	Introduction and Safety	3
CARP 1113	Building Calculations	3
CARP 1125	Introduction to Tools	5
CARP 1134	Fundamentals of Carpentry	4
Semester Total:		15
Second Semester		Credit Hours
CARP 1214	Building Materials	4
CARP 1224	Blueprint Basics	4
CARP 1234	House Framing	4
Semester Total:		12
Third Semester		Credit Hours
CARP 1312	Commercial Blueprints	2
CARP 1323	Roofing Applications	3
CARP 1332	Insulation and Moisture Barrier Concepts	2
CARP 1343	Exterior Finishing	3
CARP 1352	Commercial Framing	2
CARP 1363	Drywall	3
CARP 1373	Interior Finishing	3
Semester Total:		18
Total Program Credit Hours:		45

Embedded Award:

Carpentry Helper Career and Technical Certificate (CTC)		Credit Hours
CARP 1103	Introduction and Safety	3
CARP 1113	Building Calculations	3
CARP 1125	Introduction to Tools	5
CARP 1134	Fundamentals of Carpentry	4
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Total for award:		15

For additional information, contact the Technical Education Division at (225)-216-8367.