

# CAR 101 - INTRODUCTION TO CARPENTRY

---

## Course Description

This course provides an introduction to residential carpentry. Through structured classroom and hands-on skill building, the student will learn about the construction industry, building materials, fasteners and adhesives, hand and power tools, introduction to print reading, and floor systems. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Required Prerequisites

CMT 100, may be taken concurrently.

## Recommended Prerequisites or Skills

## Competencies

Placement into MTH 100 or higher, or co-enrollment in the recommended developmental math course, and placement into ENG 11/111 or higher, or co-enrollment in the recommended English course

## Course Learning Outcomes

### Knowledge:

- Identify simple construction materials.
- List general hand and power tools.
- Describe construction site safety.

### Application:

- Demonstrate familiarization of materials, fasteners, adhesives.
- Show understanding of construction blueprints.

### Integration:

- Classify fundamentals of construction methods and materials.
- Distinguish safety rules to follow on a construction work site.
- Apply mathematics to develop construction measurements.

### Human Dimension:

- Work cooperatively with others.
- Mentor others to help develop skills.

### Caring - Civic Learning:

- Realize the importance of establishing a well measured shell for the rest of the construction crew.

### Learning How to Learn:

- Discover areas needing growth.