

# CAR 104 - WOODWORKING APPLICATIONS I

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- Apply tools, techniques and resource designs to future projects.

## Course Description

This course is for the student with a strong understanding of hand and power tools used in the craft of woodworking. A desire to expand their knowledge in the aspects involved with basic furniture and cabinet building is a must. Students will be constructing projects that, by design, will challenge those of the advanced beginner and intermediate skill abilities. Students will plan and implement the necessary steps to address the projects' hardware and joinery requirements. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Required Prerequisites

CAR 102

## Recommended Prerequisites or Skills Competencies

MTH 100

## Course Learning Outcomes

### Knowledge:

- Demonstrate conservative use of materials.
- Identify environmental impacts on woodworking pieces.
- Implement proper usage of hand tools and power tools.

### Application:

- Construct a functional product using the stepped approach process.
- Demonstrate a strong artistic approach to course projects.

### Integration:

- Compare and contrast different types of woodworking fields.
- Assess the value and functionality of furnishings from different perspectives.

### Human Dimension:

- Develop a personal style to meet individual ability level and tool availability.
- Manage interaction effectively with others while building projects.

### Caring - Civic Learning:

- Evaluate how woodworking affects the mood and atmosphere of one's surroundings.
- Recognize the relationship between quality craftsmanship and the longevity of the piece.

### Learning How to Learn: