

# CAR 102 - INTRO TO WOODWORKING

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## Course Description

This course is for the student that has a desire to experience woodworking in the area of basic cabinet and furniture. Techniques in the usage and maintaining of basic hand and power tools, understanding of how wood movement will affect design of an assembly, application of basic joinery, adhesives, and fasteners in the woodworking completion of this class establishes a foundation in which the student can build simple furniture and cabinets. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Recommended Prerequisites or Skills Competencies

Students will greatly benefit from having competency up to MTH111

## Course Learning Outcomes

### Knowledge:

- Describe grain orientation in product design.
- Predict grain growth and movement.

### Application:

- Create a product managing tools, time and materials.

### Integration:

- Distinguish the intent of structural patterns.
- Integrate wood and tool knowledge to produce quality products.

### Human Dimension:

- Appreciate the time and effort put into woodworking projects.
- Interpret what the customer wants.

### Caring - Civic Learning:

- Reflect on the rewarding and self-gratifying experience of completing a good wood-working project.

### Learning How to Learn:

- Organize and manage their time.