

CARPENTRY (CAR)

CAR 101 - Introduction to Carpentry

Credit Hours: 3, Contact Hours: 4

Division: Technical

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.

Required Prerequisite(s): CMT 100, may be taken concurrently.

Recommended Prerequisite(s): 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

CAR 102 - Intro to Woodworking

Credit Hours: 3, Contact Hours: 4

Division: Technical

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.

Recommended Prerequisite(s): Students will greatly benefit from having competency up to MTH111

CAR 104 - Woodworking Applications I

Credit Hours: 3, Contact Hours: 4

Division: Technical

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.

Required Prerequisite(s): CAR 102

Recommended Prerequisite(s): MTH 100

CAR 105 - Foundations and Framing

Credit Hours: 3, Contact Hours: 4

Division: Technical

Through structured classroom and hands-on skill building, the student will learn foundation design, layout, concrete material forms, and applications. Floor, wall, ceiling and roof framing will be covered, as well as basic stair layout and construction. Group 2 course.

Recommended Prerequisite(s): Placement in MTH 100 or co-enrollment in the recommended developmental Math course, placement into ENG 11/111 or co-enrollment in the recommended English course

CAR 121 - Exterior Construction

Credit Hours: 3, Contact Hours: 4

Division: Technical

Through structured classroom and hands-on skill building, the student will learn about various roofing materials and applications, window and door installation, siding, cornice design and installation, gutters, downspouts, decks and fences. Group 2 course. Placement into ENG 11/111 or higher, or co-enrollment in the recommended English course.

Recommended Prerequisite(s): Placement into MTH 100 or higher, or co-enrollment in the recommended developmental math course

CAR 125 - Interior Construction

Credit Hours: 3, Contact Hours: 4

Division: Technical

Through structured classroom and hands-on skill building, the student will learn about drywall products, installation, and finishing, wall panels, tile, suspended ceilings, finish trim, flooring, and cabinet and countertop installation. Group 2 course. Placement into ENG 11/111 or Co-enrollment in the recommended English Course.

Recommended Prerequisite(s): Placement in MTH 100 or co-enrollment in the recommended developmental Math course