

BASIC CARPENTRY

6 Week Day Program/9 Week Evening Program

180 HRS.

Program Objective

This course provides instruction and training for students interested in carpentry construction and related occupations. Students that achieve competency in this course will obtain entry-level skills in carpentry that will enable them to obtain employment in the construction field. Students will also be able to obtain entry-level positions with general and specific contractors. Instruction and practical experience includes blueprint reading, masonry and concrete, flooring, drywall, carpentry and roofing. Students are introduced to hand and power tools used in construction and trained how to properly operate those tools in a safe manner.

*Students will receive a Certificate of Completion at the satisfactory completion of these courses.

Course Descriptions

CRT 101 - Basic Carpentry & Construction Skills (BCCST)

Introduction to Carpentry & Construction introduces students to career opportunities in carpentry and general construction as rough carpenters, framing carpenters, roofers, maintenance carpenters and other related job titles. Upon completion of this subject students will be able to: 1) Identify industry standards. 2) Identify career opportunities. 3) Understand course and instructor expectations.

[Prerequisites: None]

CRT 102 - Safety Techniques & Procedures/Tools & Equipment

This subject prepares students to: 1) Describe and demonstrate proper general and personal safety procedures. 2) Tool and machine safety techniques and procedures. They will also be able to: 1) Identify and describe tools and equipment. 2) Demonstrate their safe and proper operation.

[Prerequisites: CRT 101, Introduction to Carpentry & Construction]

CRT 103 - Building Materials & Estimating Construction Costs

Students will learn to identify and describe various construction materials and their proper use. They will also be able to demonstrate competency in estimating construction costs including materials, labor and building permits.

[Prerequisites: CRT 102, Safety Techniques Procedures/Tools Equipment]

CRT 104 - Measurement & Layout/Building Codes

This subject focuses on developing the students' mathematical skills necessary for them to demonstrate proper measurements and calculations used in construction and building repair. They will also be able to identify and accurately describe local building codes.

[Prerequisites: CRT 103, Building Materials & Estimating Construction Costs]

CRT 105 - Foundation & Framing/Roofing

This subject prepares the students to identify and describe aspects of framing and demonstrate competency in their use. They will also be able to identify roofing procedures and utilize roofing materials.

[Prerequisites: CRT 104, Measurement & Layout and Building Codes]

CRT 106 - Drywall Utilization and Flooring

Upon completion of this subject, the students will be able to determine appropriate drywall use and installation procedures. They will also be able to: 1) Integrate safe removal and installation techniques for flooring such as ceramic, asphalt tile, hardwoods, linoleum and carpet.

[Prerequisite: CRT 105, Foundation & Framing/Roofing]

CRT 107 - Job Search Techniques

Students will learn to: 1) Demonstrate job search and retention techniques. 2) Identify career strategies to prepare for employment.

[Prerequisite: CRT 106, Drywall Utilization/Flooring]