

CONSTRUCTION TECHNOLOGY: RESIDENTIAL CARPENTRY TECHNOLOGY - CERTIFICATE OF ACHIEVEMENT LEVEL 1

CNSTR 117	OSHA Construction Safety Standards	1
Total Units		9

Successful completion of the Construction Technology program prepares students for entry into the construction trades, which require a technical skill and understanding of construction processes. Highlights: Program designed for immediate employment, upgrading of job skills, and potential opportunities for career self-employment. Courses can be transferable to four-year institutions.

A grade of "C" or better is required in all major, certificate and major elective courses.

CAREER OPTIONS:

- Building Information Modeling (BIM)
- Building Inspector
- Carpenter
- Concrete Form Setter
- Construction Worker
- Construction Management
- Contractor
- Drywall Hanger, Taper, and Texturing
- Electrician
- Estimator
- Home Improvement Material Retail Sales
- Insulation Installer
- Painter
- Plumber
- Residential Maintenance
- Roofer

Upon successful completion of this program, students will be able to:

- Demonstrate appropriate use of construction tools, methods, and materials, follow safety practices and procedures used in the industry.
- Demonstrate understanding of construction terms, concepts, and hands-on applications.
- Read and interpret building codes, blueprints, manuals, specifications, shop drawings.
- Apply effective use of emerging technologies in the construction trades including green application and energy efficiency.

Certificate Requirements

Course	Title	Credits
CNSTR 101A	Tools, Materials, and Safety	2
CNSTR 101B	Residential Construction Framing	3
CNSTR 110	Building Information Modeling (BIM) 101	3