

CARPENTRY (RESIDENTIAL), CERTIFICATE OF PROFICIENCY (CPT)

This certificate is designed to prepare the student for entry-level positions in the occupational specialty of residential carpentry. Students are offered learning experiences in the basics of blueprint reading, design concepts as well as the building, installing and repairing residential structures.

In compliance with Title 34 Code of Federal Regulations 668.6 of the Higher Education Act of 2008, click here (<http://extranet.dccc.edu/gainful-employment/CPT/Gedt.html>) to obtain information about tuition and fees, and other information associated with Delaware County Community College Gainful Employment Programs.

Program Outcomes

Upon successful completion of this certificate, students should be able to:

- Demonstrate knowledge of the different structural components of residential buildings.
- Demonstrate basic competencies in preparing and presenting construction drawings and designs.
- Read and interpret blueprints, building plans and specifications.
- Demonstrate skills constructing structures and their components parts.
- Demonstrate technical skills required to install and finish interiors or exteriors.
- Demonstrate understanding and competencies of energy efficient construction.
- Apply the knowledge of mathematics to carpentry tasks.
- Demonstrate knowledge of safety practices.

Curriculum

The College will award a certificate of proficiency to students who complete 30 credits of an approved career program. These credits will not normally include physical education, developmental, basic and/or continuing education courses and will usually consist of 24 credits in the career specialty and six credits in general education. At least 50 percent of the credits must be earned at Delaware County Community College. The student must have a cumulative GPA of 2.0 or higher. At least six credit hours must be in courses that are awarded grade points.

Course	Title	Hours
First Semester		
TME 115	Basic Technical Skills	3
TCS 105	Workplace Safety	2
CPT 102	Carpentry Fundamentals	3
CPT 105	Framing and Roofing	3
TCS 100	Construction Blueprint Reading	3
	Hours	14
Second Semester		
CPT 110	Exterior Finishing	3
CPT 115	Interior Finishing	3
CPT 120	Energy Efficiency	2

OCS 102	International Code Council (Uniform Construction Code)	3
TCC 112	CADD Graphics	3
Select one of the following:		2
CPT 194	Carpentry Co-Op Internship (2 credits)	
AUT 100	Introduction to Automotive Service Operation and Shop Practices	
HVA 100	Introduction to Heating, Ventilating, Air Conditioning and Refrigeration Electrical Fabrication	
WLD 100	Introduction to Welding	
	Hours	16
	Total Hours	30