

Residential Construction, CTS – 33 credit hours



ABOUT

Our residential construction program prepares students to apply technical knowledge and skills to layout, erect, install and repair wooden structures. Instruction in all phases of the building process is provided. Safety is the foundation of all phases of the program, which involves actual work situations emphasizing teamwork and work ethics. Students also receive training in estimating & scheduling, project management, leadership and communication. Classroom theory is supported with hands on applications such as building a new house and remodeling or demolishing existing structures. In addition to the Certificate of Technical Studies, students will earn NCCER Carpentry certification for Levels 1-3.

CAMPUS

Jefferson Site

CAREER INFORMATION

Outlook: 2.6% increase in jobs by 2026

LA Star Rating: 4-stars

Salary: \$43,679/year or \$21.00/hour

FINANCIAL AID ADVISOR

Marla Garrity, mgarri@dcc.edu

PROGRAM CONTACT

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Lead Instructor, Jefferson Site

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PROGRAM SEQUENCE

Semester 1

CRPT 120 Building Materials & Estimating

2-3-3/75

Co-Requisite: TECH 101

CRPT 122 Carpentry Calculations

1-2-2/45

CRPT 124 Design, Blueprint Reading & Codes

2-3-3/75

CRPT 211 Site Layout

1-4-2/75

TECH 101 NCCER Technical Core

3-3-3/90

Semester 2

CRPT 212 Foundations and Floor Framing

2-4-3/90

CRPT 213 Wall & Ceiling Framing

2-6-3/120

Pre-Requisites: TECH 101, CRPT 120, 122, 124, 211

CRPT 215 Roofing Construction

2-6-3/120

Pre-Requisites: TECH 101, CRPT 120, 122, 124, 211

Semester 3

CRPT 223 Exterior Finishes

2-3-3/75

Pre-Requisites: TECH 101, CRPT 120, 122, 124, 211

CRPT 231 Interior Finishes

2-4-3/90

Pre-Requisites: TECH 101, CRPT 120, 122, 124, 211

CRPT 235 Form Carpentry

2-5-3/105

Pre-Requisites: TECH 101, CRPT 120, 122, 124, 211

CRPT 238 Project Management

1-2-2/45