

CONSTRUCTION TECHNOLOGY (CT)

About the program

Programs in this field provide general and specific educational opportunities for students seeking careers related to residential and commercial building construction, historic preservation and restoration, and practical and artistic woodworking skills and techniques. The AS Degree in Construction is accredited by the Association for Technology, Management and Applied Engineering (ATMAE).

Degrees/Certificates within this Program:

- Associate of Science Degree, Construction Technology
- Certificate of Achievement, Residential Construction I
- Certificate of Achievement, Residential Construction II
- Certificate of Recognition, Residential Wiring
- Certificate of Achievement, Cabinetmaking and Millwork
- Certificate of Achievement, Electrician Trainee
- Certificate of Achievement, Fine Woodworking I
- Certificate of Achievement, Fine Woodworking II
- Certificate of Recognition, Solar Thermal Technician
- Certificate of Recognition, Solar Photovoltaic Technician

Similar Degrees/Certificates offered at CR:

- Associate of Science Degree, Architectural Drafting
- Certificate of Achievement, Architectural Drafting
- Associate of Science Degree, Civil Design
- Certificate of Achievement, Civil Design
- Associate of Science Degree, Mechanical Drafting
- Certificate of Achievement, Mechanical Drafting

Career Opportunities

Employment opportunities in this field include:

- Carpenter
- Construction Supervisor
- Building Contractor
- Building Inspector
- Construction Estimator
- Cabinetmaker
- Electrician
- Construction Laborer

For more information

- Derek Glavich, Construction Technology
707-476-4344 | derek-glavich@redwoods.edu
- Bill Hole, Construction Technology
707-476-4353 | bill-hole@redwoods.edu
- Paul Kinsey, Woodworking
707-476-4349 | paul-kinsey@redwoods.edu
- Laura Mays, Fine Woodworking
707.964.7056 | laura-mays@redwoods.edu
- www.redwoods.edu/constructiontech
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Achievement, Residential Construction I

Program Requirements	Units
CT 21A Survey of Wood Technology	3.0
CT 50 Construction Estimating or CT 56 Construction Layout	4.0 2.5
CT 57A Cabinetmaking and Millwork I	3.0
CT 57B Cabinetmaking and Millwork II	3.0
CT 80 Carpentry Theory I	3.0
CT 81 Carpentry Theory II	3.0
CT 90 Beginning Carpentry I	3.0
CT 91 Beginning Carpentry II	3.0
Total Units	23.5-25.0

About this Certificate

Programs in this field provide general and specific educational opportunities for students seeking careers related to residential and commercial building construction, historic preservation and restoration, and practical and artistic woodworking skills and techniques.

Suggested Program Sequence Fall Start

Semester 1 CT 21A, CT 57A, CT 80, CT 90

Semester 2 CT 56, CT 57B, CT 81, CT 91, CT 50

Program Learning Outcomes

- Understand the concepts of residential construction.
- Demonstrate the procedures, techniques, and processes in residential construction.
- Identify tools, materials, and processes used in residential carpentry.