

## 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, Drafting and 3D Modeling
- Certificate of Achievement, Drafting and 3D Modeling

### 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
- [www.redwoods.edu/constructiontech](http://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
<b>Total Units</b>	<b>23.5-25.0</b>

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### 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.