

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
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Achievement, Residential Construction II

Program Requirements	Units
CT 21A Survey of Wood Technology	3.0
CT 50 Construction Estimating	4.0
CT 56 Construction Layout	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
CT 95 Intermediate Carpentry I	3.0
CT 96 Intermediate Carpentry II	3.0
DT 71 Architectural Drafting Techniques	3.0
DT 73 Architectural Drafting - Residential Design	3.0
ENGR 23 Engineering Design Graphics	3.0
Total Units	42.5

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Suggested Program Sequence

Semester 1 CT 21A, CT 57A, CT 80, CT 90, ENGR 23

Semester 2 CT 57B, CT 81, CT 91, DT 71

Semester 3 CT 70, CT 95, DT 73

Semester 4 CT 50, CT 56, CT 96

Program Learning Outcomes

- Communicate effectively and professionally in the construction industry through the proper use of verbal, written, and graphical techniques.
- Understand the concepts of residential construction.
- Demonstrate the procedures, techniques, and processes in residential construction.