

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

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- www.redwoods.edu/constructiontech
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Recognition, Solar Thermal Technician

Program Requirements	Units
CT 25 OSHA Construction Safety	2.0
CT 30 Solar Thermal Design and Installation	1.0
CT 31 Intro to Solar Thermal Systems	3.0
CT 78A Residential Wiring I	2.0
Total Units	8.0

Suggested Program Sequence

Fall Start

Semester 1 CT 25, CT 31, CT 78A

Semester 2 CT 30

Program Learning Outcomes

- Design and install a solar thermal system per standard industry practices and codes.
- Evaluate and trouble-shoot a solar thermal system.
- Demonstrate safe working practices.