

## 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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- Laura Mays, Fine Woodworking  
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- www.redwoods.edu/constructiontech
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

### Certificate of Achievement, Cabinetmaking and Millwork

Program Requirements	Units
<b>Core Courses</b>	<b>15.0</b>
CT 21A Survey of Wood Technology	3.0
CT 21B Intermediate Woodworking Technology	3.0
CT 57A Cabinetmaking and Millwork I	3.0
CT 57B Cabinetmaking and Millwork II	3.0
CT 57C Cabinetmaking and Millwork III	3.0
<b>Restricted Electives</b>	<b>5.0</b>
<i>Choose 5 units from the following:</i>	
CT 16 Architectural Millwork	3.0
CT 25 OSHA Construction Safety	2.0
CT 55 Advanced Woodworking	2.0
CT 57D Cabinetmaking and Millwork IV	3.0
CT 135 Woodworking Hand Tools and Techniques	2.0
CT 152 Open Lab for Woodworking	1.0
<b>Total Units</b>	<b>20.0</b>

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### Suggested Program Sequence

For information about the program length and suggested sequence of courses for this certificate, please see an advisor.

### Program Learning Outcomes

- Work in a manner and fashion that meets Woodwork Institute and general woodworking industry safety standards.
- Produce artifacts (technical work) that reflect the student's ability to design and construct furniture, cabinetry and millwork of increasing scope and complexity.
- Critically review literature, periodicals, and trade journals that relate to the cabinet and millwork industry.
- Provide a strong experience in, and understanding of, all aspects of the cabinet and millwork industry.