

# 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](http://www.redwoods.edu/constructiontech)
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

## Certificate of Achievement, Fine Woodworking I (Mendocino Coast Only)

Program Requirements	Units
CT 130A Fine Woodworking Theory & Practice	18.0
CT 130B Fine Woodworking Theory & Practice	18.0
<b>Total Units</b>	<b>36.0</b>

## Suggested Program Sequence

### Fall Start

Semester 1 CT 130A

Semester 2 CT 130B

## Program Learning Outcomes

- Select wood appropriate for task, according to species, properties and visual characteristics.
- Safely use, tune and care for woodworking hand tools.
- Assess and implement suitable joinery, construction and finishing techniques for cabinetmaking.
- Integrate design, construction and presentation, using high levels of craftsmanship, to create a piece of fine furniture.