

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

Associate of Science Degree, Construction Technology

| | Units |
|---|-------------|
| General Education Requirements | 18.0 |
| Program Requirements | |
| 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 Design Drafting Techniques | 3.0 |
| DT 73 Architectural Drafting - Residential Design | 3.0 |
| DT 23 Engineering Design Graphics or ENGR 23 Engineering Design Graphics | 3.0 3.0 |
| Unrestricted Electives - as needed to complete 60.5 units total | |
| Total Units | 60.5 |

About this Degree

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.

Suggested Program Sequence

Fall Start

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

Semester 2 CT 56, CT 57B, CT 81, CT 91, DT 71

Semester 3 CT 95, DT 73

Semester 4 CT 50, CT 96

Program Learning Outcomes

- Provide the local residential construction industry with a professionally trained workforce.
- Prepare students to analyze and evaluate construction project requirements in relationship to the world around them.
- Demonstrate an ability to analyze and communicate ideas effectively with co-workers and the general public.