

a Great
place
to start **for**

CONSTRUCTION TECHNOLOGY



education that works!

The Construction Technology Program provides an opportunity for students to learn the fundamentals of blueprint reading, estimating building codes and ordinances, frame construction, roof framing, interior and exterior finishing and the safe operation and maintenance of tools and equipment. Students will spend time at a building site as well as in the classroom. They will receive instruction in blueprint reading, hand and power tool safety, house framing, and interior and exterior finish work.

Students must ride the school bus to and from the housing project site.

The following certificates may be earned:

- Construction Technology Certificate
- Advanced Construction Methods Certificate

Please see reverse side for specific certificate information

Career Opportunities: What's your next job?

Even when new construction is slow there are several opportunities in the construction world. Skills are transferable to remodeling, room additions, basement finishes, and Fix and flip. You can become a specialist in any area of the construction industry. There are also opportunities in tenant finish for offices and store fronts. Or further your education and become Supervisors, Construction Managers, Engineering (structural and civil), Estimators, and Sales.

Work Environment

People in the construction industry work indoors and outdoors, in the heat and in the cold. Locations can change from day to day.

Skills Needed

- Basic math
- Reading (Interpret blueprints and product specifications)
- Thinking critically
- Making decisions
- Problem solving
- Work with hand tools
- Lift heavy objects

Salary Range: \$14.00- \$19.00 an hour or \$29,000-\$39,000 a year

Careers

- Carpenter
- Exterior Finisher
- Interior finisher
- Roofer
- Drywall Installer
- Flooring Installer

Further your education to become:

- Civil Engineer
- Surveyor
- Construction Manager
- Estimator
- Structural Engineer
- Architect

Class hours

7:50-10:40 am, M, T, W, Th, F
OR
12:05-2:55 pm, M, T, W, Th, F

Estimated cost

Tuition/Credit Hour Fee:**

Semester 1: \$1,740.00(Tuition) <u>\$200.00(Credit Hour Fee)</u> \$1,940.00	Semester 3: \$1,624.00(Tuition) <u>\$190.00(Credit Hour Fee)</u> \$1,814.00
Semester 2: \$1,508.00(Tuition) <u>\$180.00(Credit Hour Fee)</u> \$1,688.00	Semester 4: \$1,508.00(Tuition) <u>\$180.00(Credit Hour Fee)</u> \$1,688.00

Program charges: \$500.00/semester*

Student ID: \$10.00/yearly

CTSO Charge: \$20.00/yearly

Safety Glasses: \$5.00 (plus tax)

Tools and other supplies: \$175.00 (approx)

Mandatory, to be purchased off campus

Books: \$100.00 (plus tax)

Estimated Total

Construction Technology Certificate: 5,099.00 (plus tax)

Advanced Construction Methods Certificate: \$9,611.00 (plus tax)

Students will be required to pay the program charge each semester they attend*

Based on Colorado Resident In-state tuition**

Optional Costs:

SkillsUSA Work Force Ready Assessment for Construction: \$20.00

Additional costs may apply. All books, kits & supply costs are estimated. Please contact our Advising Department (303)344-4910 for more information.

Cost and information revised June, 2018 and subject to change



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CONSTRUCTION TECHNOLOGY CERTIFICATE

Certificate length: 2 Semesters

Courses required for this certificate:

CAR 103 Carpentry Basics

CON 106 Site Prep Through Foundation

CAR 104 Floor and Wall Construction

CAR 106 Construction and Roof Design

CAR 134 Exterior Finishes and Trim

CAR 135 Thermal and Moisture Methods and Materials

CAR 146 Interior Finishes/Drywall Construction

CAR 147 Interior Carpentry

CON 109 Flooring, Tile and Wood

Construction Technology Certificate Total:

Clock Hours: 540 Credit Hours: 28

ADVANCED CONSTRUCTION METHODS CERTIFICATE

Certificate length: 2 Semesters

This certificate is a combination of the Construction Technology Certificate and the following courses:

Courses required for this certificate:

CON 113 Jobsite Planning Through Foundation

CON 130 Blueprint Reading

CAR 206 Advanced Floor and Wall Construction

CAR 207 Advanced Construction and Roof Design

CAR 208 Advanced Exterior Finishes and Trim

CON 128 Cost Estimation

CAR 209 Advanced Interior Carpentry

CON 210 Advanced Flooring, Tile and Wood

Advanced Construction Methods Certificate Total:

Clock Hours: 1080 Credit Hours: 55

The Advanced Construction Methods Certificate is eligible for Financial Aid. You may begin the Financial Aid process by completing your Free Application for Federal Aid (FAFSA) at www.FAFSA.ed.gov. If you have further questions, please call (303)344-4910, ext 27797.



**"PTC has given me
the training I am proud of.
I am confident that it will take me far in life".**

-Construction Student