

a great
place
to start for

CONSTRUCTION TECHNOLOGY



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:

Advanced Construction Methods

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: \$1,950.00(Tuition) \$200.00(Credit Hour Fee) \$2,150.00	Semester 3: \$1,820.00(Tuition) \$190.00(Credit Hour Fee) \$2,010.00
Semester 2: \$1,690.00(Tuition) \$180.00(Credit Hour Fee) \$1,870.00	Semester 4: \$1,690.00(Tuition) \$180.00(Credit Hour Fee) \$1,870.00

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)

Estimated Totals:

Advanced Construction Methods Certificate: \$10,140.00 (plus tax)

Optional Costs:

SkillsUSA Work Force Ready Assessment for Construction: \$20.00

Mandatory to be purchased off campus (estimated):

Books: \$102.00 (plus tax)

Students will be required to pay the program charge each semester they attend*
Based on Colorado Resident In-State Tuition**

Additional costs may apply. All books, kits & supply costs are estimated. Cost, information, and classes are subject to change at any time.

This 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.



ADVANCED CONSTRUCTION METHODS CERTIFICATE

Certificate Length: 4 Semesters

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

Courses required for this certificate:

CAR 103 Carpentry Basics

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 106 Site Prep Through Foundation

CON 109 Flooring, Tile and Wood

CAR 206 Advanced Floor and Wall Construction

CAR 207 Advanced Construction and Roof Design

CAR 208 Advanced Exterior Finishes and Trim

CAR 209 Advanced Interior Carpentry

CON 113 Jobsite Planning Through Foundation

CON 128 Cost Estimation

CON 130 Blueprint Reading

CON 210 Advanced Flooring, Tile and Wood

Advanced Construction Methods Certificate Total:

Clock Hours: 1080 Credit Hours: 55

Please visit www.pickenstech.org to view our catalog online for course description

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

