

a great
place
to start for

HEATING & AIR CONDITIONING SERVICE TECHNOLOGY



The Heating and Air Conditioning Service Technology Program prepares the student with entry level residential skills required by employers in this industry. It is industry focused, with the student being given the opportunity to earn their EPA certification, Universal.

The Heating block consists of education in job safety, Basic Electricity, Forced gas furnace service, hydronic service, air flow problems, duct sizing, and troubleshooting gas fired equipment. Performance testing after repairs is emphasized. State-of-the-art Cengage Brain simulation programs are used along with live equipment in the lab.

The Air Conditioning block consists of basic refrigeration, refrigerant recovery training, principles of A/C operation, heat pumps, further air flow problems, analysis and troubleshooting the total system. Performance testing after repairs is emphasized. State-of-the-art Cengage Brain simulation programs are used along with live equipment in the lab. An on-the-job internship program with Aurora Public Schools Maintenance Department is offered where students can get experience with accomplished HVAC Technicians.

The following certificate may be earned:

Heating and Air Conditioning Service Technology Certification

Students may also earn the following industry-based certifications:

EPA Certificate Universal

10 hour OSHA Certificate

Class Hours

7:50-10:40 am, M, T, W, Th, F

OR

12:05-2:55 pm, M, T, W, Th, F

OR

5:30-9:30 pm, M, T, W, Th

Estimated Cost

Tuition**/Credit Hour Fee:

Semester 1: \$2,091.00(Tuition)

Semester 2: \$2,214.00(Tuition)

\$220.00(Credit Hour Fee)

\$230.00(Credit Hour Fee)

\$2,311.00

\$2,444.00

Program Charges: \$500.00/semester*

Student ID: \$10.00/yearly

CTSO Charge: \$20.00/yearly

Tungsten Arc Charge: \$50.00

Workbook: \$63.00

OSHA Exam: \$40.00/yr.

Safety Glasses: \$5.00(plus tax)

Estimated Totals:

Heating and Air Conditioning Service Technology

Certificate: \$6,152.00 (plus tax)

Optional Costs:

EPA Exam: \$25.00

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.

**PICKENS**
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Cost and information revised **September 2020**

HEATING AND AIR CONDITIONING SERVICE TECHNOLOGY CERTIFICATE

Certificate Length: 2 semesters

Heating and Air Conditioning Service Technology

Courses offered in the Fall:

Heating

HVA 103 Basic Electricity

HVA 106 Intro to Service Tech Training

HVA 110 Fundamentals of Gas Heating

HVA 146 Residential Load/Duct Design

HVA 240 Servicing Forced Air Systems

OSH117 10HR OSHA Voluntary Compliance

Courses offered in the Spring:

Air Conditioning

HVA 102 Basic Refrigeration

HVA 111 Piping Skills for HVAC

HVA 113 Refrigerant Recovery Training

HVA 202 Troubleshooting & Customer Service

HVA 261 A/C Systems Service and Repair

HVA 285 Independent Study

Heating and Air Conditioning Service Technology Certificate Total:

Clock hours: 600 Credit Hours: 35

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

