

a great  
**place**  
to start for

# AUTOMOTIVE TECHNOLOGY



The Automotive Technology Program provides students with the needed skills and attitudes for successful entry into an automotive servicing career. The Automotive Technology Program prepares students to enter the career field. After completing the program, for an additional 15 more credits at CCA you will have your Associates degree.

Not only do we teach you how to repair vehicles, we also train you in post-secondary workforce readiness throughout the program. The shop has all of the latest automotive equipment so you are not learning on outdated tools. The class provides experience in all eight specialty areas as well as preparation for ASE testing and certification.

In addition, the student may also earn the following industry-based certificates:

*Hunter Alignment*  
*SnapOn Certification*  
*Subaru Web Based Training*

Students must be 18 years old at the end of year 1.

### The following certificates may be earned:

Maintenance and Light Repair Technician  
Master Automotive Service Technician  
Automotive Service Technician

### 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:

|  |  |
|--|--|
| <b>Semester 1:</b> \$1,476.00(Tuition)<br>\$170.00(Credit Hour)<br><u>                  </u><br>\$1,646.00 | <b>Semester 3:</b> \$1,968.00(Tuition)<br>\$210.00(Credit Hour)<br><u>                  </u><br>\$2,178.00 |
| <b>Semester 2:</b> \$1,599.00(Tuition)<br>\$180.00(Credit Hour)<br><u>                  </u><br>\$1,779.00 | <b>Semester 4:</b> \$2,091.00(Tuition)<br>\$220.00(Credit Hour)<br><u>                  </u><br>\$2,311.00 |

**Program Charges:** \$500.00/semester\*

**Student ID:** \$10.00/yearly

**ASE Testing:** \$50.00

**CTSO Charge:** \$20.00/yearly

**Safety Glasses:** \$5.00 (plus tax)

**Shop Shirt:** \$35.00 (plus tax)

#### Estimated Total:

**Maintenance and Light Repair Certificate:** \$4,811.00 (plus tax)

**Automotive Service Technician Certificate:** \$2,266.00 (plus tax)

**Master Automotive Service Technician Certificate:** \$10,300.00 (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](http://www.FAFSA.ed.gov). If you have further questions, please call (303)344-4910, ext 27797.*

  
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Cost and information revised **October 2020**

## Maintenance and Light Repair Technician Certificate

**Certificate Length:** 2 Semesters

### Courses required for this certificate:

ASE 101 Auto Shop Orientation  
ASE 102 Intro to the Automotive Shop  
ASE 110 Brakes I  
ASE 111 Auto Brakes II  
ASE 120 Basic Auto Electricity  
ASE 122 Auto Elec Safety Systems  
ASE 123 Starting and Charging Systems  
ASE 130 General Engine Diagnosis  
ASE 134 Autofuel & Emissions System I  
ASE 140 Steering and Suspension I  
ASE 150 Man Drv Trn & Axle  
ASE 162 Auto Engine Service  
ASE 250 Auto Trans/Transaxle Service  
ASE 264 Intro to HVAC Systems

## Maintenance and Light Repair Technician Certificate

**Total:** Clock Hours: 600 Credit: 25

## Automotive Service Technician Certificate

**Certificate Length:** 1 Semester

### Courses required for this certificate:

ASE 141 Suspension and Steering II  
ASE 151 Manual Transmission/Transaxles & Clutches  
ASE 210 Auto Power/ABS Brake Systems  
ASE 251 Auto Trans/Transaxle Repair  
ASE 265 HVAC Systems  
ASE 285 Independent Study

## Automotive Service Technician Certificate

**Total:** Clock Hours: 270 Credit: 16

**Prerequisite:** Students must complete the Maintenance and Light Repair Certificate in order to move on to the Automotive Service Technician and Master Automotive Service Technician certificates.

## Master Automotive Service Technician Certificate

**Certificate Length:** 1 Semester

### Courses required for this certificate:

ASE 152 Manual Transmission/Transaxles/Clutch II  
ASE 160 Auto Engine Repair  
ASE 170 Laboratory Experience I: Mast Lab  
ASE 221 Auto/Diesel Body Electrical  
ASE 231 Auto Comp & Ignition Systems  
ASE 233 Auto Fuel Injection/Emissions  
ASE 240 Suspension and Steering III

## Master Automotive Service Technician Certificate

**Total:** Clock Hours: 270 Credit: 17

*Please visit [www.pickenstech.org](http://www.pickenstech.org) to view our catalog online for course description*

