

# AUTOMOTIVE SERVICE AND TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT (C)

## Overview

Our ten-month certificate program is similar to those offered at private trade schools. Students who desire to finish their schooling in that period of time will enroll in automotive courses only. A student program schedule will be from 8 to 12 a.m. daily and from 12:30 to 4:10 p.m. on Tuesdays and Thursdays. Students who have never had a high school level introductory Automotive class will need to enroll additionally in two introductory Automotive sections.

The program is certified by the National Institute for Automotive Service Excellence in all eight certification areas. Graduates will have learned sufficient basic material to be able to enter and progress in the field of Automotive repair. Part-time jobs are encouraged and many students will choose to enhance their school learning by working in an Automotive repair shop after school hours.

## Requirements

### Certificate of Achievement Requirements

Complete all Department Requirements for the Certificate of Achievement with a C or better in each course. Candidates for a Certificate of Achievement are required to complete at least 20% of the department requirements through SBCC.

| Code                           | Title   | Units        |
|--------------------------------|---|--------------|
| <b>Department Requirements</b> |   |              |
| AUTO 120                       | Automotive Business and Soft Skills               | 4            |
| AUTO 130                       | Automotive Maintenance & Light Repair             | 4.5          |
| AUTO 140                       | Automotive Engines                                | 4.5          |
| AUTO 150                       | Automotive Brakes, Suspension, & Steering Systems | 4.5          |
| AUTO 160                       | Automotive Electricity and Electronic Systems     | 4.5          |
| AUTO 170                       | Automotive Engine Performance                     | 4.5          |
| AUTO 180                       | Automotive Heating and Air Conditioning Systems   | 3            |
| AUTO 190                       | Automotive Drivetrain Systems                     | 4.5          |
| AUTO 200                       | Automotive Advanced Diagnosis & ADAS              | 3            |
| AUTO 210                       | Automotive Hybrid and Electric Vehicle Systems    | 4.5          |
| <b>Total Units</b>             |   | <b>41.50</b> |

## Learning Outcomes

1. Students will develop skills to advance their knowledge as automotive technicians.
2. Students will conduct themselves on the job as professionals, including practicing safety precautions to prevent accidents.

3. Students will become lifelong learners and advocates for the automotive industry.

## Recommended Sequence

Make an appointment with your SBCC academic counselor through Starfish to create a Student Education Plan that reflects a recommended course sequence for this program that is tailored to your individual needs.

How to schedule an Academic Counseling appointment (<https://www.sbcc.edu/counselingcenter/counselingappointments.php>).