

AUTOMOTIVE SERVICE AND TECHNOLOGY, ASSOCIATE OF SCIENCE (AS)

Overview

The A.S. degree is designed for second year automotive students. The well-rounded student graduating from the program will be a leader, prepared to own or manage a business or to transfer to a four-year university. Students can complete courses required for the one-year certificate in the first year of study. Advanced automotive courses can be taken with general education requirements during the second year. Second year students often work in a part-time job and receive credit for Automotive Work Experience.

Requirements

Associate Degree Graduation Requirements

Complete all of the following:

1. All Major Requirements listed below with a "C" or better or "P" in each course (at least 20% of the major requirements must be completed through SBCC).
2. One of the following General Education options:
 - a. OPTION 1: SBCC General Education (<https://catalog.sbcc.edu/degrees-certificates-awards/#associateddegreeestext>) pattern OR
 - b. OPTION 2: Cal-GETC (<https://catalog.sbcc.edu/transfer-curricula/#igetctext>) pattern
3. A minimum of 60 semester units of degree-applicable college credit (SBCC courses numbered 100 and higher and C1000 and higher).
4. Maintain a cumulative GPA of 2.0 or higher in degree-applicable coursework.
5. A minimum of 12 units through SBCC.

Code	Title	Units
Major Requirements		
Required Core		
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	3
AUTO 210	Automotive Hybrid and Electric Vehicle Systems	4.5
Total Units		41.50

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>).