

# AUTOMOTIVE BASIC MAINTENANCE AND LIGHT REPAIR TECHNICIAN, CERTIFICATE OF ACHIEVEMENT (C)

## Overview

The Automotive Service and Technology program at Santa Barbara City College is a Master Certified Automotive Service Excellence (ASE) Education Foundation accredited program. The program primarily offers courses aligned with automotive industry standards to prepare students with the skills needed for employment in various roles. In addition to offering a comprehensive general automotive program, students can also obtain advanced certifications by completing manufacturer factory training programs offered through industry partnerships.

This certificate program aims to provide the skills necessary for obtaining and retaining employment in the automotive industry. This includes the real-life application of lecture materials in the lab to perform basic maintenance and light repairs of a wide variety of vehicles. Students will also understand the importance of soft skills directly related to the automotive industry throughout the program, including: effective time management, maintaining a professional attitude working in a culturally diverse workplace, and industry-standard organizational habits and ethical behavior. After completion of each course in the program, students will be prepared to obtain ASE industry certifications. This program will also assist students in continuing their career pathways in the automotive industry.

## 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
<b>Total Units</b>		<b>17.50</b>

## Learning Outcomes

1. Compare and contrast the operation of various automotive vehicle systems.
2. Analyze malfunctions of automotive vehicle systems per industry standards.
3. Demonstrate proper automotive vehicle system diagnosis, service, and repair procedures in the lab per industry standards.

4. Explain soft skills related to employability, including: effective time management, maintaining a professional attitude while working in a culturally diverse workplace, and industry-standard organizational habits and ethical behavior.

## 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.sbccc.edu/counselingcenter/counselingappointments.php>).