

# AUTOMOTIVE SERVICE EXCELLENCE (ASE)-GENERAL SERVICE, SC

## Program Description

The Skills Certificate, ASE General Service will introduce students to the theory and fundamental principles of automotive and light truck maintenance and repair procedures. Students will diagnose and repair various engine, steering, suspension, and brake systems. This general service skills certificate will help prepare students to take the Automotive Service Excellence (ASE) Engine Repair (A1), Steering and Suspension (A4), and Automotive Brakes (A5) exams. Students must pass all coursework with a score of 70% or higher.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Automotive Career Map (<https://sites.tmcc.edu/flipbook/career-maps/>)

## Recommended Course Schedule

| 1st semester          |                                 | Units     |
|-----------------------|---------------------------------|-----------|
| AUTO 136              | Engine Repair                   | 5         |
| AUTO 145              | Automotive Brakes               | 5         |
| AUTO 150              | Steering and Suspension Systems | 5         |
| <b>Semester Total</b> |                                 | <b>15</b> |
| <b>Total Units</b>    |                                 | <b>15</b> |

## Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

| Code                           | Title                           | Units     |
|--------------------------------|---------------------------------|-----------|
| <b>Certificate Requirement</b> |                                 |           |
| AUTO 136                       | Engine Repair                   | 5         |
| AUTO 145                       | Automotive Brakes               | 5         |
| AUTO 150                       | Steering and Suspension Systems | 5         |
| <b>Total Units</b>             |                                 | <b>15</b> |

## Program Outcomes

Students completing the certificate will:

PSLO1: Identify, test, and interpret failed engine systems and apply appropriate repair strategies.

PSLO2: Identify, test, and interpret failed steering, suspension, and brake systems, and apply appropriate repair strategies.

PSLO3: Demonstrate knowledge of the appropriate workplace skills and tools, including the application of personal and mechanical safety measures used in general automotive systems diagnoses and repair.