

AUTOMOTIVE GENERAL SERVICE TECHNICIAN, COA

Program Code: Automotive General Svc Tec-CoA

Program Description

The Certificate of Achievement, Automotive General Service Technician program trains individuals in basic automotive repair and maintenance. Graduates of the program will be well qualified for entry level automotive maintenance and parts store positions. Successful students complete the core areas of ASE training. All general service training may be applied toward other automotive certificate and degree programs.

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

Recommended Course Schedule

1st semester		Units
AUTO 101	Introduction to General Mechanics (Summer)	4
AUTO 111	Automotive Electricity	4
AUTO 112	Automotive Electricity II	4
OSH 222	General Industry Safety	1
Semester Total		13
2nd semester		Units
AUTO 136	Engine Repair	5
AUTO 145	Automotive Brakes	5
AUTO 150	Steering and Suspension Systems	5
Semester Total		15
3rd semester		Units
CE 201	Workplace Readiness	3
BUS 107	Business Speech Communications	3
MATH 108	Math for Technicians	3
Semester Total		9
Total Units		37

Program Requirements

Certificates of Achievement can be a stepping stone to an associate degree or allow students to enter the workforce. Certificates of Achievement have a general education component.

To earn a Certificate of Achievement, students must:

1. Maintain a minimum cumulative GPA of 2.0 (see requirements for graduation.)
2. Complete a minimum of 15 semester credit hours within the college.
3. Satisfy General Education requirements for the Certificate of Achievement (<https://catalog.tmcc.edu/degrees-certificates/general-education/coa/>).
4. Have no financial or library obligation to the college.

Code	Title	Units
General Education Requirements		
<i>Communications</i>		
BUS 107	Business Speech Communications	3
or COM 113	Fundamentals of Speech Communications	
<i>Human Relations</i>		
Strongly recommended:		
CE 201	Workplace Readiness	3
<i>Mathematics</i>		
MATH 108	Math for Technicians (or higher)	3
Certificate Requirements		
AUTO 101	Introduction to General Mechanics	4
AUTO 111	Automotive Electricity	4
AUTO 112	Automotive Electricity II	4
AUTO 136	Engine Repair	5
AUTO 145	Automotive Brakes	5
AUTO 150	Steering and Suspension Systems	5
OSH 222	General Industry Safety	1
Total Units		37

Program Outcomes

Students completing the certificate will:

- PSLO1. Identify and implement safety procedures involved in diagnosis, service, and repair of all major light vehicle components and systems.
- PSLO2. Analyze and interpret diagnostic and test information to formulate correct repair procedures.
- PSLO3. Demonstrate correct repair strategies and techniques by applying knowledge of system operation and demonstration of mechanical skills to accomplish repair tasks.