

AUTOMOTIVE TECHNOLOGY – MAINTENANCE AND LIGHT REPAIR CERTIFICATE OF ACHIEVEMENT



The Maintenance and Light Repair Certificate focuses on career entry skills. Students begin their automotive technical career performing general maintenance and inspections under the direction of a manager. These labor actions are critical to vehicle health and safety and prescribed by the manufacturer. Extensive knowledge and practice are needed to perform inspections and minor repair actions accurately. This certificate prepares students for entry level employment opportunities and sought-after skills by vehicle repair dealers.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Accurately describe various vehicle conditions related to maintenance and safety.
2. Perform repairs and adjustments of components related to maintenance and safety.
3. Communicate effectively and professionally in a diverse setting that includes colleagues, clients, and supervisors.
4. Comply with environmental health and safety regulations at the state and federal levels.

Certificate of Achievement Requirements

Code	Title	Units
AUTO-099	Introduction to Automotive Technology	3
AUTO-100L	Introduction to Automotive Maintenance and Light Repair Laboratory	1
AUTO-111	Engine Diagnosis and Repair	2
AUTO-111L	Engine Diagnosis and Repair Laboratory	1
AUTO-111T	Engine Diagnosis and Repair Assessment Test Out	0.5
AUTO-143	Steering and Suspension Diagnosis and Repair	1
AUTO-143L	Steering and Suspension Diagnosis and Repair Laboratory	1
AUTO-143T	Steering and Suspension Diagnosis and Repair Assessment Test Out	0.5
AUTO-151	Brake System Diagnosis and Repair	2
AUTO-151L	Brake System Diagnosis and Repair Laboratory	1
AUTO-151T	Brake System Diagnosis and Repair Assessment Test Out	0.5
AUTO-161	Electrical Diagnosis and Repair	2
AUTO-161L	Electrical Diagnosis and Repair Laboratory	1

AUTO-161T	Electrical Diagnosis and Repair Assessment Test Out	0.5
AUTO-171	Climate Control System Diagnosis and Repair	1
AUTO-171L	Climate Control System Diagnosis and Repair Laboratory	1
AUTO-171T	Climate Control System Diagnosis and Repair Assessment Test Out	0.5
Total Units		19.5

Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate of Achievement. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.