

# AUTOMOTIVE TECHNOLOGY SERVICE MANAGEMENT ASSOCIATE IN SCIENCE AND CERTIFICATE OF ACHIEVEMENT



Many businesses need technicians with very specific skills to communicate with customers, management, and technicians about complex problems in all vehicle specialties. This specialized program emphasizes effective and equitable communication skills, and additionally includes specific compliance standards training and business management training unique to the automotive industry. Successful students will obtain highly desired skills in professional communication and industry compliance. Work experience is a requirement for this major, which ensures student competency and success. All students are required to complete a digital portfolio resume used for assessment and practicum. Students completing all courses and general education courses will receive an Associates of Science during Commencement. Students completing all automotive course requirements will receive a Certificate of Achievement during Commencement.

## Program Learning Outcomes

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

- Accurately describe and demonstrate knowledge of various automotive systems.
- Apply knowledge of the repair systems process by describing necessary actions by order of priority to a customer, manager, or technician.
- Communicate effectively and professionally in a diverse setting that includes colleagues, clients, and supervisors.
- Comply with environmental health and safety regulations at the state and federal levels.

## Associate in Science Degree Requirements

Code	Title	Units
AUTO-111	Engine Diagnosis and Repair	2
AUTO-121	Automatic Transmission Theory and Operation	2
AUTO-143	Steering and Suspension Diagnosis and Repair	1
AUTO-144	Noise, Vibration, and Harshness	0.5
AUTO-151	Brake System Diagnosis and Repair	2
AUTO-161	Electrical Diagnosis and Repair	2
AUTO-162	Electronics Diagnosis and Repair	2

AUTO-171	Climate Control System Diagnosis and Repair	1
AUTO-181	Engine Performance I Ignition and Fuel Systems	2
AUTO-183	Engine Performance II Intake Exhaust and Emission Systems	2
AUTO-194	Diesel Engine Performance and Diagnosis	2
AUTO-210	Service Management	3
AUTO-211	Automotive Customer Service	2
AUTO-212	Automotive Work Experience <sup>1</sup>	12
<b>Total Units</b>		<b>35.5</b>

Plus General Education Requirements (<https://catalog.gcccd.edu/cuyamaca/degree-requirements-transfer-information/>)

<sup>1</sup> Must be taken for a total of 12 units.

## Certificate of Achievement

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