

Associate in Science Degree and Certificate of Achievement: Automotive Technology

The Automotive Technology program is a comprehensive two-year program designed to prepare students with the industry defined entry-level skills needed for an automotive technician position in a variety of settings including dealerships, independent automotive repair facilities or city/county agencies. Students may opt to complete an associate in science degree or a certificate of achievement in Automotive Technology. The program provides in-depth training with extensive hands-on experiences. In the classroom, students learn the theoretical aspects of automotive diagnosis, repair and service. In the automotive laboratory setting students will experience applying the theory learned in the classroom. Upon completion of the course work required for the certificate or major, students will have achieved competencies in the areas of brakes, suspension, electrical components and wiring, transmissions, engine diagnosis and drivability. While many automobile dealerships require technicians to acquire manufacturer specialty training, the basic skills and knowledge needed to enter specialty training will be obtained in the Automotive Technician program at College of the Canyons.

Degree and Certificate Student Learning Outcome:

Students will be able to demonstrate proficiency in the core skills and knowledge required for employment in the automotive industry.

Program Requirements:

Units Required: 37

		Units:
AUTECH-110	Introduction to Automotive Technology	4.0
AUTECH-112	Engine Fundamentals for Technicians	3.0
AUTECH-113	Engine Overhaul	2.0
AUTECH-114	Basic Automotive Electrical Systems	3.0
AUTECH-135	Engine Performance	4.0
AUTECH-140	Automotive Suspension & Steering Systems	3.0
AUTECH-150	Automotive Brake Systems	4.0
AUTECH-170	Automotive Heating, Ventilation & Air Conditioning	3.0
AUTECH-180	Engine Mechanical Maintenance and Light Repair	3.0
AUTECH-185	Automotive Chassis Maintenance and Light Repair	3.0

Plus one course from the following:

AUTECH-120	Automatic Transmissions & Transaxles	5.0
AUTECH-130	Automotive Manual Transmissions & Drive Train Systems	5.0