

## PROGRAM OF STUDY

### Automotive Technology Certificate of Achievement

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/state/federal 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 with a diesel technology option. In the automotive laboratory settings 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.

#### **Student Learning Outcome:**

Demonstrate proficiency in the core skills and knowledge required for employment in the automotive industry.

#### **Program Requirements:**

		<b>Units</b>
AUTO 101	Automotive Engine Fundamentals	4 - 0
AUTO 102	Engine Performance I	4 - 0
AUTO 103	Automotive Electrical Systems	5 - 0
AUTO 109	Automotive Brake Systems	4 - 0

#### **Plus nine units from the following:**

		<b>Units</b>
AUTO 094	Automotive Heating and Air Conditioning	3 - 0
AUTO 104	Steering, Suspension and Alignment	3 - 0
AUTO 105	Automatic Transmissions	5 - 0
AUTO 106	Manual Transmissions, Transaxles and Drivetrains	5 - 0
AUTO 110	Diesel Engines	3 - 0
AUTO 111	Diesel Fuel Systems	3 - 0

#### **Plus one unit from the following:**

		<b>Units</b>
CWE 188	Cooperative Work Experience Education	1

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### **Total Units**

**27**

PID 340