One of the greatest discoveries a person makes, one of their great surprises, is to find they can do what they were afraid they couldn't do.

~ Henry Ford

Automotive service technicians’ and mechanics’ responsibilities have evolved from simple mechanical repairs to high-level technology-related work. Today, integrated electronic systems and complex computers regulate vehicles and their performance while on the road. This increasing sophistication of automobiles requires workers who can use computerized shop equipment and work with electronic components while maintaining their skills with traditional hand tools.

You will learn to repair and maintain vehicles, appliances, electronics and much more!

Career & Technical Education Division
805.986.5824

4000 South Rose Ave.
Oxnard, CA 93033
805.986.5800
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The Automotive Technology program at Oxnard College is designed to prepare and train students to either enter the industry as an entry-level technician, or to provide continuous technical improvement training to those already employed in the industry.

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~ Henry Ford
AUTOMOTIVE TECHNOLOGY

AT Technicians must have an increasingly broad knowledge of how vehicles' complex components work and interact. They also must be able to work with electronic diagnostic equipment and digital manuals and reference materials.

Students can complete an Associate of Science Degrees or Certificate of Achievement. Courses include the full range of curriculum for this occupation, including the fundamentals of engine repair, reconstruction, electrical analysis, and trouble-shooting techniques.

REQUIRED COURSES

All courses are taught by Automotive Service Excellence (ASE) certified instructors and the program is certified by NATEF (National Automotive Technicians Educational Foundation). Students can become an Automotive Technician and acquire an AS Degree in Automotive Repair

- AT R010 Fundamentals of Auto Technology 3
- AT R012 Automotive Air Conditioning 2
- AT R013 Automotive Engine Performance 4
- AT R013L Automotive Engine Performance Lab 2
- AT R015 Automotive Electrical Systems 4
- AT R015L Automotive Electrical Systems Lab 2
- AT R016 Auto Electronics 3
- AT R018 Automotive Brake Systems 4
- AT R018L Automotive Brake Systems Lab 2
- AT R033 Automotive Emission and Fuel Control Systems 4
- AT R050 Automotive Steering and Suspension 6

Total Core Requirements 36 units

Complete a minimum of five units from the following:

- AT R014 Advanced Engine Performance 4
- AT R014L Advanced Engine Performance Lab 2
- AT R026 Automotive Engine Overhaul 4
- AT R026L Automotive Engine Overhaul Lab 2
- AT R030 Automotive Transmissions and Drive Line 3
- AT R030L Automotive Transmissions and Drive Line Lab 2
- AT R045 Enhanced Clean Air Car 5

Total Required Units 41

Students may complete the required courses to earn a Certificate of Achievement in Automotive Technology. Those desiring an Associate in Science degree must complete the college's general education requirements in addition to the major requirements above.

THE POTENTIAL JOB MARKET

Some of the jobs that a certificate or associate degree in this field can lead to include:

- Auto/Truck/Equipment Repair
- Assembly/Manufacturing/Fabrication
- Technology

Other career opportunities include:

- Automotive Service Technician
- Automotive HVAC Technician
- Engine Repair Technician
- Service and Parts Management
- Diesel Mechanics Technician
- Wheel Alignment and Brake Technician
- Sales
- Tune-Up Technician
- Automotive Electrical Repair Specialist
- Brake and Wheel Alignment Technician
- Engine Performance Specialist
- Licensed Smog Technician