

# AUTOMOTIVE TECHNOLOGY

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Automotive technicians are in high demand in California and throughout the U.S., but there is a lack of trained professionals to meet this demand. This shortage of well-trained technicians has been caused by advances in computerized engine controls, evolving emissions regulations, and development of alternative technologies driven by the ever-escalating cost of fuel. The Las Positas College Automotive Technology program can provide the skills necessary to qualify as trained entry-level technicians, as well as for career advancement. Students work side by side and hands-on with industry professionals in a fully equipped and up-to-date facility.

### Programs of Study

#### Degrees:

- AS – Automotive Alternative Fuels/Hybrid Technology
- AS – Automotive Electronics Technology
- AS – Automotive Light Duty Diesel
- AS – Automotive Master
- AS – Automotive Smog Technician

#### Certificates of Achievement:

- Automotive Alternative Fuels/Hybrid Technology
- Automotive Chassis
- Automotive Drivability
- Automotive Light Duty Diesel
- Automotive Master
- Automotive Mechanical
- Automotive Smog Technician

In addition, the Automotive Technology Department at Las Positas College offers tuition-free, non-credit courses and certificate programs designed to provide students with the skills needed to secure employment and/or workplace advancement in the industry. Students in the Las Positas College Noncredit Automotive Technology program work side-by-side and hands-on with industry professionals in a fully-equipped and up-to-date facility.

### Noncredit Programs of Study

#### Certificates of Completion:

- Automotive Advanced Smog Technician
- Automotive Basic
- Automotive Chassis
- Automotive Mechanical
- Automotive Smog
- Automotive Summer Camp
- Concepts of Automotive Body Systems
- Concepts of Automotive Chassis
- Concepts of Automotive Know How
- Concepts of Automotive Mechanical
- Concepts of Automotive Powertrain

#### Career Opportunities

Las Positas College offers both Associate degree and Certificate programs designed for direct job entry, which will give the student a thorough and complete knowledge of the basics of the modern automobile. These programs are for technical career majors. The Las Positas College Automotive program also provides training and services in a variety of programs in addition to regular classes: industry-standard training for General Motors, AC Delco, KIA, ICar and other manufacturers; Automotive Apprenticeship; Smog Certification; Alternative Fuels; State of California Bureau of Automotive Repair Smog Inspection Referee and Training Program. These additional programs provide our students with numerous opportunities for industry exposure. Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel.