

Degree Applicable, Credit Grading Option: OP

NONCREDIT AUTOMOTIVE TECHNOLOGY

The Automotive Technology Department at Las Positas College offers tuition-free, non-credit courses and two 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 Non-Credit Automotive Technology program work side by side and hands-on with industry professionals in a fully equipped and up-to-date facility.

Programs of Study

Certificates of Completion:

- Automotive Basic
- Automotive Smog

Certificate of Completion Automotive Basic

About the Certificate

The Automotive Basic Certificate of Completion can provide the skills necessary for students to qualify as entry-level technicians. This program focuses on basics of the automobile. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

Career Opportunities

Career opportunities include, Introductory Automotive Technician, and Automotive Parts Personnel.

Program Outcomes

- Upon completion of the Certificate of Completion in Automotive Basic, students are able to diagnose basic engine mechanical issues.
- Upon completion of the Certificate of Completion in Automotive Basic, students are able to measure engine components and compare to specifications.
- Upon completion of the Certificate of Completion in Automotive Basic, students are able to tear down, inspect and reassemble engines.

Required Core (360 Hours)

NAUT INTR (Automotive Service and Introduction).....	144
NAUT LABA (Automotive Lab)	108
NAUT LABB (Automotive Lab Advanced).....	108

Total Hours 360

Certificate of Completion Automotive Smog

About the Certificate

The Automotive Smog Certificate of Completion will provide the skills necessary for students to qualify as trained entry-level technicians, as well as for career advancement. This program focuses on the rules and regulations of the California Smog Program and will prepare student to gain their California Smog licenses. This programs focus is on the diagnosis and repair of smog controlled vehicles in California. Students work side-by-side and hands-on with industry professionals in a fully equipped and up-to-date facility.

Career Opportunities

Career opportunities include Teaching, Automotive Technician, Automotive Parts Personnel, Automotive Management, Shop Owners, and Automotive Performance Personnel

Program Outcomes

- Upon completion of the Certificate of Completion in Automotive Smog, students are able to apply and take the California Smog test.
- Upon completion of the Certificate of Completion in Automotive Smog, students are able to diagnose emission issues.
- Upon completion of the Certificate of Completion in Automotive Smog, students are able to diagnose engine mechanical issues.

Required Core (387 Hours)

NAUT INTR (Automotive Service and Introduction).....	144
NAUT L1L2 (Smog Level One and Level Two)	117
NAUT SDR (Specified Diagnostic and Repair)	126

Total Hours 387

Noncredit Automotive Technology Courses (NAUT)

NAUT INTR AUTOMOTIVE SERVICE 0 UNITS AND INTRODUCTION

Bumper-to-Bumper Automotive Knowledge. Starting with hazardous waste handling, tool identification, maintenance and lubrication, moving into engine mechanical, emissions controls, suspension systems, air conditioning, airbags and safety, transmissions, axles, and finishing off with the future of the automotive industry. This is an introductory class for people who want to know more about their vehicle or who are planning an automotive career. 144 hours.

Non-Degree Applicable, Noncredit Grading Option: OP

NAUT L1L2 SMOG LEVEL ONE 0 UNITS AND LEVEL TWO