

Course Syllabus
Adelanto High School

Course Title: Automotive Technology II, & III
Instructor: Mr. Mendoza
Phone: (760)265-1638
Time: Monday thru Friday 8:10-9:07, 9:13-10:10, 10:16-11:13,
12:51-1:48, 1:54-2:51

Location: C114 Auto Shop
Books: Modern Automotive Technology
Course Length: 4 Semesters

Course Description:

Prescriptive instruction covers brakes, suspension and steering, engine performance and electricity/electronics. Course content includes instruction in safety, industry standards, related automobile operational theory, diagnosis and troubleshooting, and repair procedures. Students will be exposed to the automotive business and industry and provided with entry-level job skills.

Year two to three of the course will combine theory with service, covering all systems of the vehicle. The student will study the fundamental operation and construction of the system, then move to diagnosis, service and repair of that system.

This course is part of a defined sequence and a pathway of courses in the Transportation Industry Sector as defined by the California Department of Education. Since the sequences vary by high school at sponsoring districts, students are strongly encouraged to contact their Counselors for information

Course Objectives:

The students will gain the following knowledge and skills upon successful completion of the course:

- Modern Engine Systems
- Fuel and Fuel Delivery
- Electrical Systems and Components
- Accessories: Operations and Service
- Cooling Systems
- Lubrication Systems
- Emission Systems
- Major Engine Services
- Transmission and Drive Train
- Tires and Wheels
- Suspension
- Steering and Braking
- Heating and Air Conditioning
- Restraint Systems
- Advanced Topics
- Career Success

Adelanto High School

ESLRs

EXPECTED STUDENT LEARNING RESULTS

Students who complete training at Adelanto High School will:

Life-long learners who

(A) achieve proficiency in literacy and mathematics in preparation for college and career.

Responsible citizens who

(H) honor self and others through respect, honesty and leadership.

Problem solvers who provide

(S) service and safety to their community and engage in a global presence.

Requirements:

- ⤴ Must dress properly for site; must be willing to get dirty.
- ⤴ Working knowledge of math, likes to work with hands and have the ability to follow directions.
- ⤴ Bring pencils and paper
- ⤴ Students must pass a written safety test

Grading Policy:

Grading will be based on a total of approx. 1,000 points per semester based on two categories:

Participation: 600 points

Evaluation: 400 points

1000 Total Points

Participation

Students will be graded on a daily basis

Students will receive **7 points** per day for attending class. (Points cannot be made-up)

Students will be subtracted points for the following:

Unsafe acts in classroom

Leaving Campus

Inappropriate dress

Not participating with group

Failure to follow orders ...

Total Possible points: **600**

Evaluation

Students will be evaluated on the following basis:

Exams

Quizzes

Lab Sheets

Research

Repair Orders

Total Possible points: 400

Your grade will be based on total points at the end of the semester

Total Points

900-1000 = A

800-899 = B

700-799 = C

600-699 = D

< 600 = F

Classroom Rules of Conduct:

- ⤴ Students must follow all **Standards for Student Conduct** at Adelanto High School Auto Shop

- ⤴ Students must follow all Safety Rules