

Transportation, Distribution, and Logistics Automotive Technology

Instructor:

Carlos O Perez,

Education:

Trinity University BA, Economics

South Texas College AAS, Automotive
Technology

Certification/Licensure:

Automotive ASE

Master Certification

POS Course Sequence Endorsement

- 9 grade
 - no class offered
- 10 grade - at WHS or WEHS campus
 - Intro to Automotive Technology
- 11 grade - at CTE campus
 - Automotive Technology I: Maintenance and Light Repair
- 12 grade - at CTE campus
 - Automotive Technology II: Automotive Service

Course Description

- Automotive Technology I: Maintenance and Light Repair
 - knowledge of the major automotive systems and the principles of diagnosing and servicing these systems, includes applicable safety and environmental rules and regulations, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems, allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.
 - Prerequisites: Automotive Basics is recommended
- Automotive Technology II: Automotive Service
 - knowledge of the major automotive systems and the principles of diagnosing and servicing these systems, applicable safety and environmental rules and regulations, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems, study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.
 - Prerequisites: Automotive Technology I: Maintenance and Light Repair.

Dual Enrollment South Texas College



- 11 grade classes for dual credit
 - AUMT 1407 - Electrical Systems - 4 hours
 - AUMT 1410 - Brake Systems - 4 hours
- 12 grade classes for dual credit
 - AUMT 1345 - AC and Heating Systems - 3 hours
 - AUMT 1416 - Suspension and steering - 4 hours
- College hours possible - 15 hours

Industry Certification



- AUTOMOTIVE SERVICE EXCELLENCE(ASE)
 - AC AND HEATING SYSTEMS
 - BRAKE SYSTEMS
 - ELECTRICAL SYSTEMS
 - SUSPENSION AND STEERING SYSTEMS



Student Club/Organization

- AUTOMOTIVE SKILLSUSA
 - SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.
- WESLACO GREENPOWERUSA RACING-
<https://youtu.be/O6KAZYr0wJs>
- - Greenpower Electric Car Challenge uses the excitement of motorsport to inspire students from primary school through to university to excel in Science, Technology,



TEM



Questions

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