



**TRANSPORTATION, DISTRIBUTION
& LOGISTICS
AUTOMOTIVE**

GRADES 9 - 10	GRADES 10 - 11	GRADES 11 - 12	GRADE 12
Automotive Basics	Automotive Technology 1	Automotive Technology 1	Diesel Equipment Technology 1 & 2 - CE
1 Credit	2 Credits	2 Credits	2 Credits

COURSE DESCRIPTIONS

AUTOMOTIVE BASICS

Prerequisite None **1 Credit** **Grades 9 - 10**
 In Principles of Transportation, Distribution, and Logistics, students gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

AUTOMOTIVE TECHNOLOGY 1

Prerequisite Automotive Basics **2 Credits** **Grades 10 - 11**
 Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. *(Students must earn a 75 or higher to go to advanced automotive technology.)*

AUTOMOTIVE TECHNOLOGY 2

Prerequisite Automotive Technology 1 **2 Credits** **Grades 11 - 12**
 Services include advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. Students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. Students who excel in this course will have the opportunity to earn multiple automotive certifications, and will also have the opportunity to AYES placement at a General Motors dealership auto shop or employment at a Galveston based O'Reilly's.

DIESEL EQUIPMENT TECHNOLOGY 1 & 2 - CE

Prerequisite Automotive Technology 2 **2 Credits** **Grades 11 - 12**
 This class mixes classroom instruction with hands-on training, including the basics of diesel technology, repair techniques and equipment, and practical exercises. Students also learn how to interpret technical manuals and electronic diagnostic reports. This class is offered at Ball High School, but it is after-school only.