



Mission: The Eagle Mountain-Saginaw Independent School District Career and Technical Education program is dedicated to preparing young people to succeed in high-demand occupations in the 21st-century's competitive global economy.

Automotive Technology

Ian Dunaway
HCTC D122
5501 Marine Creek Pkwy, Ft. Worth, 76179
817-306-1925
idunaway@ems-isd.net

Conference Period: 1st period 9:15-10:10

Tutoring Opportunities: Available upon request

Class Materials:

[GW online text book- Modern Automotive Technology 9th edition](#) access gained by logging into canvas

[Electude](#) online automotive training website

[SP/2](#) online automotive safety certification

Safety glasses (one pair provided by Automotive program)

Closed toe shoes (supplied by student)

Course Description:

Automotive Technology is a course that introduces the knowledge and skills necessary for the repair and diagnosis of motor vehicles. The primary goal of this program is to prepare students to successfully take the A.S.E (Automotive Service Excellence) certification exams and to gain and maintain employment in the automotive industry. Students will also learn valuable life and employability skills that will help them be successful after graduation in any industry.

Course Goals:

Students who complete this course successfully will be able to:

1. Understand and practice shop safety procedures.
2. Recall proper names and functions for common hand and power tools.
3. Operate shop equipment such as two post lifts, alignment rack, scissor lift, etc. with confidence.

4. Perform basic vehicle maintenance routines/procedures and explain the reason for the specified maintenance.
5. Become familiar with several areas of the vehicle such as brakes, tires, steering and suspension and be able to pass certification exams pertaining to these areas of the automotive vehicle.
6. Build, test and diagnose basic electrical circuits.

Student Evaluation:

The grading system for this course is as follows:

- Grade averaged 60% Major 40% Minor
- Major grades – tests (Six weeks assessments both written and hands on, projects, presentations); minimum three per six weeks
- Minor grades – quizzes, daily assignments, journals; minimum four per six weeks
- Semester exams will count 1/7 of the semester grade
- A letter system (S, N, U) is used to report a student's conduct based on proper/responsive conduct and citizenship
- Per Board Policy EIA (LOCAL), "The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments, quizzes, six-week test, and semester final examinations. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%.
- Official grades will be in Skyward only and can be accessed by student and parent through Family Access.

Assignments, exams, expectations outside of the classroom:

Students will be expected to perform hands on tasks both in the shop and in the classroom. Worksheets completed based on the current days learning target. Online training through Electude, the automotive training website. Exam grades will be based both on written exams as well as being able to perform hands on tasks in a timed setting.

Attendance/Tardy Policy/Make-Up Work:

All students are expected to be on time and attend class. EMS ISD tardy policy will be followed. If a student is absent from class, the note will need to be given to the student's home campus attendance clerk. If a student needs to leave early for an appointment, the student's guardian must call the HCTC front desk at 817-306-1925 for dismissal and the student must sign out at the front office. The HCTC allows students 3 minutes after class to walk to their vehicle or bus and then 20 minutes for transportation to and from their home campus. If a student is tardy, it is the student's responsibility to notify the teacher for attendance purposes. Excuses such as car trouble, traffic problems or inclement weather are considered to be unexcused for students driving personal vehicles. Make up work must be completed on the students own time. Number of days allotted will be equal to the number of days missed. Make up tests and hands on assessments must be made up before or after school based on a

set appointment between the student and teacher. Tests and assessments must be scheduled before the end of the current 6 weeks.

Classroom Expectations:

Students will be expected to participate in class discussion regarding the current subject or learning target. Behave themselves in a professional manner in the shop, classroom and in online meetings.

Academic Integrity:

Academic integrity values the work of individuals regardless if it is another student's work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty, includes cheating, copying the work of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.

Preliminary Schedule of Topics, Readings, and Assignments

Assignments and due dates will be posted on Skyward Family Access as well as the class canvas page.