



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.

### **Advanced Automotive Technology 2022-2023**

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**HCTC D124**

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**Conference Period: 3rd Period 10:55 thru 11:45 Tutoring**

**Opportunities:** Available upon request

#### **Class Materials:**

[GW online textbook- Modern Automotive Technology 9<sup>th</sup> edition](#)

[Electude](#) online automotive training website

Safety glasses (one pair provided by the Automotive program)

Closed-toe shoes (supplied by student)

Access to Canvas and Office365 tools is available to students through our [Single Sign-on Portal](#) (SSO). Students receive their SSO login during enrollment.

#### **Course Description:**

Advanced Automotive Technology is a course that builds on the knowledge and skills learned in the Automotive Technology 1 course. Students will learn how to operate in a service shop environment. They will improve their critical thinking process to diagnose and repair shop and customer vehicles. Students will develop the soft skills and the technical skills needed to keep up with the ever-changing automotive industry. Students are expected to complete the student ASE certification program. After successful completion, they will be encouraged to take the professional level G1 ASE Certification Test.

#### **Course Goals:**

Students who complete this course successfully will be able to:

Understand and practice shop safety procedures. Learn proper procedures and be able to operate shop equipment such as two post lifts, alignment rack, scissor lift, etc. with confidence. Become familiar with basic vehicle maintenance routines/procedures and demonstrate said procedures in the shop. Become familiar with several areas of the vehicle such as engines, Air conditioning and heating systems, electrical systems, cooling systems and engine performance. The final goal is to schedule and attempt G1 certification exam after graduating.

### **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
- 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** 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 unexcused for students driving personal vehicles. Makeup work must be completed on the student’s own time. The number of days allotted will be equal to the number of days missed. Makeup 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 the class discussion regarding the current subject or learning target. Behave themselves in a professional manner in the shop and classroom. A grade will be assigned each week based on the student's professionalism in both the classroom and shop based on a rubric supplied to the student within the first 6 weeks of the school year.

### **Preliminary Schedule of Topics, Readings, and Assignments**

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

### **Academic Integrity:**

Academic integrity values the work of individuals regardless of 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.