

Evanston High School
Automotive Mechanics and Repair Syllabus
2025-2026

Teacher: Casey Hardin

Contact Information:

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Response Time:

When leaving a voice mail or sending an email, students can generally expect a response within 24 hours, except on the weekends.

Credits: 1

Method of Instruction:

Time will be spent in the classroom on lectures, demonstrations, audio/visual materials, and group discussions. Students will also spend time in the lab using equipment and materials related to the rebuild, diagnosis, repair, and maintenance of engines.

Prerequisite: Completion of Automotive Services with a C- or better, or teacher permission

Course Fee: \$30

Course Description:

This second-tier automotive pathway course is recommended for students who have a specific interest in automotive engines. This class is designed to introduce students to entry level rebuild, maintenance, diagnosis, and repair of these engines. There will be an emphasis on identifying tools, safety standards, reading technical information, precision measurement, and understanding computerized systems. This course will also include discussions on industry certifications, current industry news, national regulations, and career pathways.

Required Textbooks and/or Materials:

The ability to access the Canvas learning management system.

Other Resources and Required Materials:

Safety Glasses meeting or exceeding ASTM Z87.1 Specs (it is recommended you buy your own)

Coveralls are recommended.

Closed toed shoes with complete covering of the foot

MacBook (charged)

Notebook and pencils (ability to take notes)

Wyoming Standards:

Career Development and Readiness: Students demonstrate career planning and employability skills.

Communication and Collaboration: Students develop the skills necessary to effectively lead, collaborate, and communicate.

Critical Thinking and Problem Solving: Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate technology, tools, and resources.

Technical Literacy: Students effectively read, evaluate, write, and communicate technical information.

Technical Proficiency and Productivity: Students safely, ethically, and productively use existing and new technologies and systems.

Course Requirements**Late Work:**

It is expected that you will submit your work on or before the due date. **LATE WORK WILL NOT BE ACCEPTED.** Please talk with your teacher about extenuating circumstances or excused absences.

Attendance Policy:

Class attendance is expected and will be recorded at the beginning of class in order to comply with Evanston High School's student rules and regulations. If you come in late it is your responsibility to let the teacher know. Failure to attend class, complete job sheets, complete weekly assignments, or attempt exams/quizzes will affect the student's final grade. Students who miss scheduled or unscheduled formal quizzes/tests without a valid/documented excuse will not be allowed to make them up. Please review the student handbook for a more detailed explanation of policy.

Student Handbook on Absences (partial):

Consistent and regular attendance is required to be a successful student and complete and receive credit in any class at EHS. Eight (8) or more absences in a class will result in a loss of credit. If a student has more than the above absences allowed, he/she must buy back time through serving detention, Saturday school, or summer school or file an appeal to receive the credit within the

semester in question (appeals are for extreme emergencies only). If a student has 12 or more absences in a class he/she will lose credit and will only be able to recapture credit through the appeals process. If you do not buy back time or file an appeal, you will automatically lose credit. The appeal will be reviewed by an Appeal Review Committee and they will determine if the student receives credit or does not receive credit. The appeal may result in an attendance contract tied to the following semester or year's attendance. The committee may award or deny students credit depending on the individual situation.

Buyback Time: A student that has 8 or more absences will be required to do buyback time. Buyback time can be made up before school, lunch, after school, and Saturday School. Each absence will require 45 minutes of buyback time. Students will be allowed to buyback absences 8 through 11. Absences of 12 or more will require a meeting with the administration to determine eligibility for an appeal (see Appeal Process below).

Parent Contact: Parents/guardians will be contacted by letter when a student has three (3) absences. Another letter will be sent at five (5) absences and will be accompanied with a parent conference. A letter will be sent at seven (7) absences explaining that credit will be lost after the next absence.

Student/Administrative Conference: A conference will be held between the student and administration to review the potential loss of credit when the student has five (5) absences.

Student Handbook on Tardies:

A tardy is defined as not being in your assigned area when the tardy bell rings. Each teacher determines the assigned areas. Two tardies, per semester, per class, will be allowed without consequences. On the third tardy, students will be assigned 1-hour detention and an hour for each additional tardy.

Food and Drink:

Classroom: A drink and snack is allowed. If any student(s) does not clean up after themselves this privilege will be removed and only water will be allowed.

Shop: No food or drinks in the shop area (any area outside of the classroom).

Student Handbook: We have a beautiful educational complex of which we are very proud. Any food or drinks without a screw-on lid must be kept in non-carpet areas. (Near the cafeteria) We encourage students and staff to carry water and healthy snacks during the school day. If students want to have drinks in the school they must have screw-on caps for their drinks. Students will not be allowed to take their lunch to class unless it is a class activity.

Hall Passes:

Any student leaving the classroom/shop area is required to 1) ask the teacher for approval; 2) fill out the information in SmartPass; and 3) let your teacher know when you return and then end the SmartPass.

Cell Phones and Electronic Devices:

There will be no devices of any kind permitted in the classroom or shop, unless authorized by the teacher.

Student Handbook: Evanston High School holds the highest standards for learning in the classroom. Due to cell phones and their known distraction from learning, students will be asked to place their silenced cell phone in a backpack, their locker, or in the office, at the beginning of school and will be expected to keep them there until the end of the school day. EHS will not be responsible for any electronic devices that are lost, stolen, or broken.

Safety Glasses Are Required at ALL TIMES while in the shop!

All School Policies will be followed throughout this course.

Violation of Classroom Rules:

Student handbook:

SCHOOL DISCIPLINE

Classroom Expectations: The following are general policies for appropriate behavior in the classroom and throughout the school.

BE RESPECTFUL

- Students will follow the teacher's directions immediately.
- Students will show respect for others and their possessions.

BE RESPONSIBLE

- Students will make-up lost time due to inappropriate classroom behavior.

BE SAFE

- Any activity that may harm self or others will not be allowed at school.
- Students that break the law will be referred to law enforcement.

Violation of Classroom Rules: Teachers are expected to follow these guidelines:

- Establish behavioral expectations (modeling, warnings).
- First Offense: Informal Student/Teacher Conference (Inappropriate behavior discussed and future consequences identified if the behavior continues).
- Second Offense: Parent Contact (Inappropriate behavior discussed with student and parent, future consequences identified if the behavior continues).
- Third Offense: Administrative Intervention – office referral.
- Severe Clause: Administrative Intervention – office referral.
 - o When a student commits any Category II or III offense, the administration is informed immediately.
 - o For any act that is deemed to be severe, the administration will assign consequences as appropriate for the act committed.

Extra Credit:

There will be no extra credit offered in this course.

Changes to the Syllabus:

The procedures in this syllabus are subject to change in the event of extenuating circumstances. Students will be notified of any changes.

Grading:

Students have three different methods to receive a grade in this course:

1. The Professional Skills proficiency (15% of the grade).
2. Complete competencies.
3. The ASE A1 Engine Repair Student Exam (10% of the grade).

The students are graded as follows:

1. The student's professional skills will be reviewed with the teacher every 4 ½ weeks and the student will be given a professional skills grade at this time based on the attached Professional Skills proficiency scale.
2. Students will complete weekly homework assignments on Canvas. There will be four questions per assignment and will be graded on a four point standards based grading system. In other words, IT WILL NOT BE BASED ON A PERCENTAGE! The scores will be averaged across the entire semester and then adjusted on the Grading Scale (attached) for a final grade.
3. The student will be assigned an engine to rebuild. The student will be graded upon completion of each step of the rebuild (ex: disassembly, inspection, measuring, assembly, etc.) by completing each task on the competency sheets (handed out throughout the semester). Each step will be graded based on the four point standards based proficiency scale (see each unit plan). In other words, IT WILL NOT BE BASED ON A PERCENTAGE! The scores will be averaged across the entire semester and then adjusted on the Grading Scale (attached) for a final grade.

Grading Scale:

Average Proficiency Scale Score	Letter Grade	Percentage*
4.0	A+	100%
3.5	A	95%
3.00	A-	90%
2.75	B	85%
2.5	B-	80%
2.25	C	75%
2.00	C-	70%
1.5	D	65%
1.00	D-	60%
Below 1.00	F	50%

Rounding Policy:

Grade averages will be rounded, i.e. 89.5 % is rounded up to 90% and an 89.4% is rounded down to an 89%.

Major Units of Study:

1. Engine identification
2. Engine disassembly and organization
3. Engine inspection and measurements
4. Engine cleaning
5. Engine assembly and measurements
6. Engine starting and break-in
7. Engine timing