NNHS Auto Mechanics Syllabus

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Mission
To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description
Automotive Mechanics is the second step for the Automotive Program. Students will be able to identify, diagnose, and repair the automotive systems on many types, manufacturers, and model years of vehicles. We will concentrate on diagnostics and repair in this class. Students will have a greater understanding of all systems that will allow them to modify and improve all systems.

Course Learning Standards

● Technical Nomenclature 25% S1
  ○ Vocabulary, part names, process names, and identification
● Theory 25% S2
  ○ System by system of what is in each and how they work
● Practice and Problem Solving 25% S3
  ○ Practical knowledge and diagnostic skill demonstration
● Workforce Skills 25% S4
  ○ Demonstration of skills applicable to the workforce

Grading:
Your course grade will reflect what you have learned, not what you have completed!

Overall Semester grade:
85% Coursework
15% Final Exam

Course Units

● Jobs in Industry (S1-100 pts)
  ○ Career Presentation
● Safety and Tools (S1 & S2-40 pts)
  ○ 100% score on Exam
● Engines (S1, S2, S3, & S4-210 pts)
  ○ Cylinder Head Dissection, Measuring Introduction
● Brakes (S1, S2, S3, & S4-136 pts)
  ○ Flaring lines and M.C. rebuild
● Wheels and Tires (S1, S2, S3, & S4-107 pts)
● Steering and Suspension (S1, S2, S3, & S4-286 pts)
  ○ Trick-your-car-out Research Project
● Transmissions and Powertrain (S1, S2, S3, & S4-126 pts)
● Cooling (S1, S2, S3, & S4-108 pts)
● Electrical (S1, S2, S3, & S4-100 pts)
  ○ Schematic Labeling Project
● Computer Control (S1, S2, S3, & S4-100 pts)

Each unit will involve Lab time, Book work, and a Unit Exam
Each Standard will make up 25% of the coursework

Grading Disbursement:
A= 90-100  B= 80-89  C= 70-79  D=60-69  F= <59  No Rounding UP!!!

Reassessment Policy

Summative Assignments (tests, quizzes, projects): These assignments must be completed before the end of the following unit.

Formative Assignments (labs, class work, activities, homework): All late work must be completed by the end of the current unit for a maximum grade of 80%. Anything turned in after the end of the unit will receive a maximum grade of 50%.

Retake Policy (retakes are only on summative work, excluding final exams):

1. Students are only allowed retakes on unit tests on which they receive a 79% or below.
2. The maximum grade the student can get on the retake is an 80%.
3. The higher of the two scores will be entered in Infinite Campus
4. The retake times and locations are left up to the individual teacher.
5. Students are required to sit down with Mr. Williams and discuss the system fully to demonstrate they understand the subject and are truly prepared for a re-assessment.

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the work week.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

Help

- Make an appointment with your teacher.
- Attend S.O.S (supervised open study) in the Literacy Center M, W & Th from 3:15 to 4:15.
- Drop in for peer tutor during lunch periods or before school through the Literacy Center.

Parents or Guardians

We need your help!
- Parents should actively check Infinite Campus for their students grade.
  - The grades on Infinite Campus will be accurate only at Mid-Quarter and Quarter. Prior to those dates, the grade reflected is fluid.
  - Infinite Campus is a communication tool until final grade is posted.
- Please ask your student about their school work
- Check with your individual teacher for classroom procedures, schedules, and daily class news.

Classroom Behavior

It is expected that all students understand proper classroom behavior. All NNHS behavior policies will be enforced. The teacher will determine if any behavior is not appropriate and any disciplinary action that may be necessary. A student’s grade may also be affected by timeliness and classroom conduct.

Lab Behavior
When in lab, **SAFETY** is #1 priority. Any act deemed unsafe by teacher, the student will be sent to the classroom and receiving a failing grade for that lab. Multiple offenses may cause for permanent removal from the LAB. Personal Protection Equipment must be worn at all times in the lab.