

Small Engine Mechanics

Instructor: Mr. Winchester
Room 1722

Grades 9-12
One Semester

COURSE CONTENT

The Small Engine course is designed to help all students understand the theory and principles of engine operation, engine maintenance, lab safety, and tool usage. A systematic approach will be used to disassemble, inspect, measure, recondition, reassemble, and run a Briggs & Stratton air-cooled small engine. Students will perform tune-ups and off-season maintenance for storage of their own personal lawnmowers and other power equipment.

GRADING

Final Grade: The final grade will be determined by an average of classroom grade (1/3), lab grade (1/3), and lab behavior (1/3).

Classroom Grade: The classroom grade will be based on the student's overall average of daily assignments, quizzes, and unit tests. Unfinished work will result in ELT.

Lab Grade: The lab grade will be based on student's completion and QUALITY of work done in the lab. Found in the disassembly, competency, assembly, and tune-up sheets.

Lab Behavior Grade: 100 points will be given to each student at the beginning of each term and will be a 1/3 of their grade. It is a reflection of the performance of each student for safety infractions that could cause injury or nonproductive. An infraction is a deduction of points and repetitive infractions will result in removal from the lab.

Grade Reports: Students will receive weekly updates of grades. It is the responsibility of the student to inform the guardian of his or her progress in the class. Parents may access student's grade online.

FEES

There is a \$10.00 lab fee for this class. Please pay or make arrangements to pay the fee the first week of class in the activities office. Credit for Small Engines cannot be granted until the fee is paid for.

ATTENDANCE, DRESS, AND BEHAVIOR

N.P.H.S. attendance and dress policies will be adhered to in Small Engines. Tardiness (less than 10min.) or other violations of rules will result in a deduction in lab behavior and detention. Habitual or serious violations of rules will result in detention or referral slips. Absences of 10 or more days makes the student exempt from credit for the class unless under reasonable circumstances. Make up work from absences must be made up within 2 day of absences. Safety glasses must be worn in the lab at all times of the day. No sandals can be worn in the lab. Any loose clothing or long hair must be tied back to prevent injury to the student. Good work shoes or boot and protective clothing are recommended.

EXTRA CURRICULAR ACTIVITIES

All students have an opportunity and are encouraged to join SkillsUSA and Power Drive Electric Car. Both these activities develop hands on knowledge and leadership skills. Skills USA has a competition that is directly related to this class called Power Equipment Technology. That can lead to great scholarship and excellent job opportunities.

DETENTION

Students will serve the amount of time given to the student or until the misbehavior is modified. Detentions will be a modification of the misbehavior not the student. The student is allowed twenty-four hours from when the detention is assigned to the student to make arrangements with the teacher when the student will serve the detention. The student has 48 hours from when the detention was assigned to serve the detention. If the student does not make arrangements with the instructor or skips the detention then the time doubles. After that then the student is referred.

ACTION FORM

The action form is documentation between the student and the teacher on rules and procedure for tardiness and misbehavior.

STUDENT'S POSSESSIONS AND EQUIPMENT

A lock is needed to protect students' items from theft. The school assumes no responsibility for the equipment brought in but steps can be taken by the student to prevent theft from happening. Student's possessions must be removed at the end of the term. If the item is not removed then it is up to the teacher's decision on removal and disposal of the equipment.

Mr. Winchester's Guide to stay out of trouble.

Do not disrupt anyone's learning process.

I have read the above syllabus and agree to adhere to rules and regulations of the class.

Date: _____ Signature: _____
(Parent or Guardian)

Date: _____ Signature: _____
(Student)