

Ida Public Schools
2020-2021
Small Engines Syllabus

Teacher: Michael Bolster

Grade / Course Small Engines (9-12)

Mode of Communication: Face to Face (A/B Days), Email: bolster@idaschools.org or message through Google Classroom.

Modes of Instruction: Class Time, homework assignments / Packets, Google Classroom, Internet searches, Activities and YouTube videos.

3rd Hour Google Classroom Code: gtxhtml7

Materials Needed: **A MASK or type of MOUTH/Nose Covering**

Safety Glasses when working in the shop (I will provide a pair if you need them)

Proper clothing when working in the shop. Closed toed shoes must be worn.

A pencil or pen is needed every day.

A folder to keep work/notes in and to help stay organized.

Class Structure:

- ✓ I will upload any new virtual information and homework for the week on each Monday.
- ✓ Tests, demonstrations, hands-on work will happen during Face-to-Face days.
- ✓ The students should plan on spending between 15-30 minutes per day on their assignments. Most assignments will be due at the end of the week where they can work on it in small increments throughout the week or where they can complete it in a larger time frame.

Responsibilities for the Class:

✓ **Teacher Responsibilities**

- Make remote/In-person learning activities available in a timely manner.
- Communicate regularly with students.
- Provide a range of meaningful learning opportunities that meet the needs of all learners.
- Provide regular feedback to students on progress related to learning activities.

✓ **Student Responsibilities**

- Review assigned work.
- Complete your assigned work by the due date.

- Ask clarifying questions when you need help or don't understand
- Be respectful to yourself, teachers and peers.

✓ **Parent/Caregiver/ Family Responsibilities**

- Review work assigned to the student.
- Reserve a space for students to complete remote learning work.
- Set sensible time limits for technology use.
- Talk to students about their work every day.
- Help students establish and follow regular daily routines

Curriculum: This course is designed to provide the student with working knowledge and an understanding of the fundamentals of small engines and their basic operation. Areas of study include four- and two-stroke cycle engine mechanics, fuel systems, ignition systems, cooling systems, and lubrication systems. Other areas of study will include engine tune-up, troubleshooting, and maintenance. The students will be given shop experience time in which they will perform a complete engine tear-down and reassembly.

Formative Assessments: Formative Feedback – Assignments, quizzes and tests will provide formative feedback, progress monitoring and motivation which will impact the student's evaluation of participation.

Grading: Total Points system of grading. Small Engine is mostly a lab course; you must be present and active to receive the points. Therefore, each term's grade will be based on class participation, dismantling and reassembly of assigned engine, and written work.

The methods of instructions used in this class are based firmly on the assumption that learning depends on the effort, patience, and determination of the student.

Preparation for class discussion, participation, and the doing of individual assignments are most important. Effective learning depends on extensive use of resources, which must be started early and pursued vigorously.

Attendance: Attendance in class is considered important, and aside from unusual circumstances, the student is expected to be both present and punctual for each session.

Safety is the main priority in this class. All Ida High School Handbook rules and procedures will be followed in this class. Failure to follow these rules may result in disciplinary action and/or removal from the class.