

Montclair High School

Course Syllabus

Department: 21st Century Skills

Course: Power Technology

Level: Regular

Credits: 2.5

Course Description:

This class is a foundation/Introduction to Small Engine and Power Equipment Maintenance. Students will repair different types of equipment including: lawn mowers, snow blowers, and single cylinder engines. Hands on Labs will include: Engine overhaul and Safety Inspections.

Standards:

9.3.12.M3.(1-6)

Anchor Text(s):

Shop Manuals/ Online Reference

Supplementary Materials:

Online notes available for students

Units of Study:

Two and Four-Cycle Engine Operation, Service of Small Engines>

Proficiencies:

By the end of this course, students will:

- Tune up Small engines
- Basic understanding of inner workings of single cylinder engine

Evaluation & Assessment:

- Home Work 10%
- Lab Work 50%
- Workmanship 30%
- Test/Quiz 10%