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%