

Southern Regional High School

Manahawkin, New Jersey

Course Syllabus

Department: Applied Technology

Course: Metalworking Level 1

Project Based Course – Students are to complete individual projects and/or assignments throughout the year.

Marking Period 1

Topics/Units to be covered:

- Shop Safety
- Fire/Extinguisher Classification
- Hand Tool Identification
- Measuring/Reading a Ruler
- Band Iron Material
- Project Drawings & Layout
- Arc Welding
- Quarterly

Marking Period 2

Topics/Units to be covered:

- MIG Welding
- Oxy-Acetylene Set-Up
- Brazing
- Using a Micrometer
- Metal Lathe
- Quarterly

1st Band Iron Project Due

Marking Period 3

Topics/Units to be covered:

- Metal Lathe Cont.
- Threading
- Milling Machine
- Sheet Metal Layout
- Quarterly

2nd Band Iron Project Due

Sheet Metal Assignments Due

Marking Period 4

Topics/Units to be covered:

- Sheet Metal Cont.
- Final Exam

Sheet Metal Assignments Due

Machining Project Due

All Late Projects Due