Department: 21st Century Skills  
Course: Introduction to Welding and Fabrication  
Level: Regular  
Credits: 2.5

Course Description:
This class is a foundation/Introduction to working with raw materials to create projects/works of art. Students will work with steel and aluminum - utilizing cutting, bending, grinding, and welding machines. Hands on Labs will include: Use of shop power equipment and welders.

Standards:
9.3.12.M3.(1-6)

Anchor Text(s):
Shop Manuals/ Online Reference

Supplementary Materials:
Online notes available for students

Units of Study:
Welding, Bending, Grinding, Drilling, and Metal types

Proficiencies:
By the end of this course, students will:
• Bend, cut and shape metal
• Weld steel

Evaluation & Assessment:
• Home Work 10%
• Lab Work 50%
• Workmanship 30%
• Test/Quiz 10%