Course Prefix and Number:  WEL 195
 Credits:  3

Course Title:  Ornamental Welding

Course Description (including lecture hours, lab hours, total contacts)
Introduces students to basic equipment, safety, and processes useful in the fabrication of welded ornamental objects.  Lecture 2 hours.  Laboratory 3 hours. Total 5 hours per week

General Course Purpose
To provide students with knowledge and practice useful in creating metal sculpture, yard art, household projects, and other artistic metal work.

Course Prerequisites/Corequisites (Entry-level competencies required for enrollment)
None

Course Objectives (Each item should complete the following sentence.)
Upon completing the course, the student will be able to:
  1) Recognize and use proper safety procedures while welding.
  2) Demonstrate the ability to perform correct equipment setup.
  3) Demonstrate the ability to use oxyacetylene welding equipment.
  4) Demonstrate the ability to use Gas Metal Arc Welding equipment.
  5) Fabricate a project of the student’s choice.

Major Topics to be Included
  1) Oxyacetylene Cutting
  2) Torch Brazing
  3) Gas Metal Arc Welding
  4) Creative Metalworking

Effective Date of Course Content Summary (Month, Date Year):  October 6, 2008