Mohawk Valley Community College

**Utica and Rome, New York**

**Course Outline**

**FA 216: Sculpture: Metal Welding P-6, Cr-3**

**Course Description:**

This course in welded steel sculpture covers volumetric linear, spatial, kinetic, biomorphic, and geometric issues. Basic cutting and joining of oxyacetylene and electric are the techniques used. Classroom work focuses initially on techniques, and then derived meaning of subject matter as it relates to materials and content.

**Studio Laboratory Fee:** $20

**Student Learning Outcomes:**

Upon the successful completion of this course, the student will be able to:

* Identify and use compositional tools
* Develop and mimic sculptural styles
* Construct modular structures from models
* Design sculpture by welding
* Compile methods to reinforce sculpture
* Construct a sculpture stand
* Formulate organic and geometric forms
* Properly use lab equipment
* Integrate tools and precise measurement to aid in construction of a sculpture
* Use modular form as base for creating complex forms

**Major Topics:**

* Large scale steel sculpture
* Steel sculpture as a work of art
* Issues involved with lab equipment
* Construction, blacksmithing, and integrating materials
* Patina and polychrome
* Model making
* Problem solving
* Proportion
* Safety practices

Reviewed July 2023