Mohawk Valley Community College

**Utica and Rome, New York**

**Course Outline**

**FA 108 Three-Dimensional Design P-6, Cr-3**

**Course Description:**

This course incorporates an examination of design principles and organization of willed form in space. Studio work focuses on the study of natural, fabricated, and architectonic forms, emphasizing construction, scale, and proportion. These principles are fundamental to architecture, industrial design, and sculpture.

Studio Laboratory Fee: $20

**Student Learning Outcomes:**

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

* Identify and construct architectonic, natural, and constructed forms through historical context and in class project
* Manipulate the clay medium to create sculpture in the additive method
* Demonstrate the proper use of sculpture tools through in class projects and in class demonstrations
* Create a rubber mold for a multiple casting
* Formulate two-dimensional plans into their three-dimensional representations
* Integrate the subtractive method in conjunction with plan drawings to create artwork
* Accurately use calipers to change scale from object to sculpture
* Use measurement to aid in construction of a sculpture
* Use geometric form as base for creating complex natural forms
* Combine sculpture materials such as plaster, clay, rubber, armature wire, and calipers to create artwork
* Demonstrate how to use eye and direct measure in the replication of an object
* Use wire to create three-dimensional line sculpture

**Major Topics:**

* Create willed form in space
* Additive and subtractive methods of building form
* Use of sculpture materials
* Usage of multiples and original objects
* Use of plan, armature, and clay
* Usage of a proportional system as a means for enlargement and reduction
* Use simple shapes as under structure for complex forms

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