

REQUIRED TEXT: "Practical Casting: A Studio Reference" by Tim McCreight attached list).

Reasonable accommodations will be provided for students with disabilities including equal access to campus and course material. For information, contact Office of Disabilities Services 203 WHIT 474-7043.

COURSE DESCRIPTION:

In this class, students will strengthen their fabrication skills with the addition of advanced techniques in tool making and casting. Carved projects will be completed using handmade tools; cuttlebone cast and a lost wax cast.

A variety of casting methods with an emphasis on Lost Wax Casting will be demonstrated. Hands-on projects include negative carving in cuttlefish bone; positive carving in max, and form buildup in wax. The casting technique instructions include: gravity, centrifuge, and vacuum casting.

Methods for producing, hinging, and latching small containers will be covered. Advanced surfacing techniques will be given on enamels, reticulation, and granulation. A variety of stone settings methods may also be shown.

SKETCHBOOK: A detailed drawing and explanation of a prospective project is required before it may be started. Please take notes during lecture/demonstrations.

This class is a studio course that meets with the instructor 5 hours per week. Students are required to work an additional five hours, for a total of 10 hours of classroom/studio time per week. The studio is accessible 24 hours per day to registered metals students and will be available except when other classes are in session.

Students are required to save ALL projects through the end of the semester for grading. The instructor's Final Critique at the end of the semester will make up 80% of the grade. Class attendance and participation will make up the remaining 20%. Please be on time to class and stay for the entire period! Demonstrations will be given at various times during the class. You may observe and take notes at all demonstrations.

Demonstration and instruction will be given for the following required Projects:

- Project 1 Carving tools with handles for cuttlefish and wax carving.
- Project 2 Cuttlefish carving and casting
- Project 3 Lost wax carving and casting
- Project 4 Cubic box and hinge

Additional information on materials and tools will be covered. The listed projects are minimum requirements; additional quality pieces are beneficial.