**CSCORORAN SCULPTURE (CSL)**

**CSL 1200. Introduction to Sculpture for CE. 1.5 Credit.**
In this course students will focus on a variety of problems, from elementary design to intermediate projects, and learn the basics of modeling in clay, plaster moldmaking, and casting. Each student will also work in one other medium, choosing from wood or metal. Drawing and design experience are strongly recommended. At times this course may be cross-tallied at an intermediate to advanced level as CSL 2200. Students with prior experience may wish to register for the more advanced section.

**CSL 1410. Introduction to Stone. 3 Credits.**
This course focuses on direct carving in stone. Students will explore abstract and objective forms while working on personally designed projects. There will be an emphasis on mastering carving techniques, including hand and power tools, and on exploring concept and composition within the subtractive context. Individual attention and an immediate hands-on approach will address the needs of all students. This course is designed for all skill levels. At times this course may be cross-tallied at a more advanced level as CSL 2200. Students with prior experience may wish to register for the more advanced section.

**CSL 2250. Introduction to Metal Sculpture. 1.5 Credit.**
This course is designed for beginning students and will explore welding, cutting, bending, and fastening a variety of metals. Oxyacetylene and MIG welders, cutting saws and shears, and the bending brake will be introduced. Students will construct sculpture projects of their own design. At times this course may be cross-tallied at an intermediate level as CSL 3250. Students with prior experience may wish to register for the intermediate section.

**CSL 2252. Metals and Metallsmithing. 3 Credits.**
Large-scale metal sculpture and small-scale metal smithing techniques share the student’s creative energy in this interstudio course. In the Sculpture studio, students explore welding, cutting, bending, and fastening a variety of metals. Oxyacetylene and MIG welders, cutting saws and shears, and the bending brake will be introduced. Small scale bronze casting, cold forging, piercing (jeweler’s saw) scoring-and-bending, cold connections (rivets), soldering and emphasizing the use of the jeweler’s saw, torch, flexible shaft drill and fine hammer work, are the focus of work in the metalsmithing studio. Assignments are designed to relate the use of metal and metalsmithing to students’ own artistic explorations.

**CSL 2320. Creative Destruction: Subtractive Processes. 3 Credits.**
Using both wood and foam students will explore the subtractive method of carving and discover ways to make large works relatively inexpensively. Students will gain familiarity with power wood carving techniques using tools such as the band saw, die grinder, and the lathe. In addition, the class will explore foam carving through the use of hot wire tools, hand tools and power tools. Various types of foam will be discussed as well as materials for foam coating which will create a firm, paintable, permanent shell over the foam using materials such as Magic-Smooth, Aqua-Resin, Plasti-paste, and more. Priming and painting methods for finished works will be stressed in addition to the method of final presentation. The application of mixed media or video to the final presentation will be encouraged but not required. In addition to gaining a level of proficiency with these techniques, students will create a cohesive body of work that is an investigation of a singular theme of the student’s choice.

**CSL 2341. Woodworking and Furniture Design. 1.5 Credit.**
This course is designed for students with an interest in woodworking and furniture design. The fundamentals of both traditional and contemporary design are explored. From chairs to tables to a variety of cabinetry, students will have the ability to construct a work of their own design. Over the course of the semester, students will work with the instructor on the design and building of a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Beginning with sketches, students will explore design and materials, fabricate models, and generate construction drawings, with a goal of fabricating and completing their own project. As different projects progress, tutorials on new techniques will be explained and applied. At times this course may be cross-tallied at an intermediate level as CSL 2351. Students with prior experience may wish to register for the intermediate section.

**CSL 2351. Intermediate Woodworking and Furniture Design. 1.5 Credit.**
In this intermediate course students expand on the skills and techniques developed in CSL 2341: Introduction to Woodworking and Furniture Design. From chairs and tables to a variety of cabinetry, students will have the ability to construct a work of their own design. Over the course of the semester, students will work with the instructor to design and build a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. As different projects progress tutorials on new techniques will be explained and applied. At times this course may be cross-tallied at an introductory level as CSL 2341. Students with no prior experience may wish to register for the introductory section. Prerequisite: CSL 2341 Introduction to Woodworking and Furniture Design.
CSL 2410. Intermediate Stone. 1.5 Credit.
This course is designed for students who have had entry-level sculpture and carving classes. The focus will be advanced carving techniques. The use of texture and form will be explored, utilizing both traditional and non-traditional carving techniques and tools. Further inclusion of advanced sculptural techniques will examine the direct carving method, not using a model or maquette but allowing free creative expression. Traditional carving methods will also be employed to replicate sculpture, planned thought process, drawing, modelmaking, moldmaking, and copying using advanced sculptural instruments. Prerequisite: CSL 1400 Introduction to Stone and Wood, or CSL 1410 Intro to Stone.

CSL 3260. Mold-making and Casting. 3 Credits.
In this class students will gain familiarity with a variety of mold making and casting techniques and materials, brush up on clay modeling skills, and experiment with ways to add a final finish such as paint, stain, flocking, etc, to three-dimensional work. Students will create several small silicone rubber box molds, a large brush-on silicone rubber mold with a plaster mother mold, and an alginate mold from life. Castings will be made in Aqua Resin (a new non-toxic material) as well as polyurethane resin (liquid plastic) and alternative media such as latex, dirt, soap, or chocolate. The addition of dyes and decorative powders to the casting resin will be covered. The concept of the multiple and the copy will be discussed. The integration of mixed media into the final work is encouraged along with creative final presentation methods as students work towards the goal of creating portfolio quality work.

CSL 3351. Advanced Woodwork and Furniture Design. 1.5 Credit.
This course is designed for students with some experience in woodworking and furniture design. The fundamentals of both traditional and contemporary design are explored. From chairs to tables to a variety of cabinetry, students will have the ability to construct a work of their own design. Over the course of the semester, students will work with the instructor on the design and building of a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Beginning with sketches, students will explore design and materials, fabricate models, and generate construction drawings, with a goal of fabricating and completing their own project. As different projects progress, tutorials on new techniques will be explained and applied. In some cases this course may be cross-tallied at an intermediate level as CSL 2351. Based on experience, students may wish to register for the intermediate section. Prerequisite: CSL 2351 Intermediate Woodworking and Furniture Design.

CSL 3352. Wood as Sculpture. 3 Credits.
This practical skill-building course will explore the different uses and applications of wood as a material for making art. Students will learn the material characteristics of wood, methods of milling and processing, as well as engineered wood products. Instruction will include joinery, proper use of fasteners and adhesives, and wood finishing techniques. Emphasis will be placed on tool safety, project planning, and critical thinking skills. Through a series of direct, hands-on explorations students will gain the knowledge and experience to safely and confidently use; stationary tools as well as portable woodworking machines to perform cutting, joining, turning, carving, shaping, and finishing operations. At the conclusion of this course students will be able to identify and use the table saw, jointer, planer, band saw, drill press, hand circular saw, lathe, angle grinder, belt sander and miter saw. Successful completion of this course is required for use of the Sculpture Department's woodworking studio.

CSL 3451. Sculpture/New Technologies. 3 Credits.
CSL 5252. Metals and Metallsmithing. 3 Credits.
Large-scale metal sculpture and small-scale metalsmithing techniques share the student’s creative energy in this inter-studio course. In the Sculpture studio, students explore welding, cutting, bending, and fastening a variety of metals. Oxyacetylene and MIG welders, cutting saws and shears, and the bending brake will be introduced. Small scale bronze casting, cold forging, piercing (jeweler’s saw) scoring-and-bending, cold connections (rivets), soldering and emphasizing the use of the jeweler’s saw, torch, flexible shaft drill and fine hammer work, are the focus of work in the metalsmithing studio. Assignments are designed to relate the use of metal and metallsmithing to students’ own artistic explorations.

CSL 5341. Woodworking and Furniture Design. 1.5 Credit.
This course is designed for students with an interest in woodworking and furniture design. The fundamentals of both traditional and contemporary design are explored. From chairs to tables to a variety of cabinetry, students will have the ability to construct a work of their own design. Over the course of the semester, students will work with the instructor on the design and building of a piece of furniture. Instruction in the usage and techniques of both machine and hand tools are covered in conjunction with the execution of the finished piece. Beginning with sketches, students will explore design and materials, fabricate models, and generate construction drawings, with a goal of fabricating and completing their own project. As different projects progress, tutorials on new techniques will be explained and applied. At times this course may be cross-tallied at an intermediate level as CSL 2351. Students with prior experience may wish to register for the intermediate section.

CSL 6451. Sculpture/New Technologies. 3 Credits.