ARTS 2341/42 – Art Metals
SCH (2-4)

Catalog description

ARTS 2341 Art Metals I  Basic techniques for the student working with nonferrous metals.

ARTS 2342 Art Metals II  Further investigation by the student of advanced techniques and processes. Prerequisite: ARTS 2341.

ARTS 2341/42 is an introduction to basic techniques used in metalsmithing and jewelry making, requiring an emphasis on fabrication and design. Outside assignments will be required. ARTS 2341/42 takes the student into more advanced techniques.

Textbook


Course objectives

The major objective of this course is to enable students to explore metal as a medium of aesthetic expression and discovery. Students should strive to develop skill and a sense of craftsmanship in handling metal. This course will focus on an integration of the students’ ideas, basic design principals, and technical processes as they relate to jewelry and metalworking. This course is also intended to provide the student with an opportunity to discover what has been done in the field of art metal and its relationship to other art forms.

Content

Since metal is such a permanent media, each student will work out the design of each piece beforehand by sketching or making a model of their proposed projects. The model may be paper, cardboard, clay, etc. anything the student feels comfortable working with to develop a working model quickly. The drawings or models are only for the discussion of design possibilities and are not to be considered finished products, but will be turned in with the finished project. The instructor must approve every project before the student can begin construction in metal.
Research assignments will be given to assist the student in designing their projects and to help you define your own body of work in the future. I will ask for research sources so, keep a record of all the information that is used to help you throughout the class. It is necessary for the student to keep a sketchbook with notes from the class, research notes or drawings and sketches for project proposals.

Demonstrations will be given throughout the semester. These demonstrations are extremely important for the student to gain the knowledge they will need to complete their projects.

**Student contributions**

During the course you will be learning technical and design concepts for jewelry design and metalsmithing. First, you are asked to produce a series of skills acquiring samples of techniques demonstrated in class. These samples must be complete and finished by the proscribed due dates, when they will be turned in for a grade. This will be followed by three projects utilizing these techniques which you have practiced in your samples. Your first project will be a piercing project utilizing cutting and finishing techniques. The second is a hollow construction utilizing soldering techniques and the final project is casting using the lost wax casting method. The order of these projects may vary because of the demand on studio equipment. Additional techniques will be demonstrated depending on the needs of the course.

**Evaluation of students**

Grading will be based on the design and craftsmanship of the required projects and samples, class attendance, preparation, studio maintenance, and due dates. If students take the time to care about their work and achieve the best results possible, there is no reason anyone cannot do well in this class. There is no curve, if all class members meet my expectations and their own; they can all receive "A's".

**Attendance**

Attendance is mandatory to all class meetings. I allow three absences, use them wisely. Any additional absences will have a profound effect on grading. Six unexcused absences will result in an automatic failure of the class. Students are expected to be at class on time, and failure to stay the entire class time will result in an absence. I can guarantee that students need all this time and more to work on their projects. As is expected with your other classes, there will be homework assignments in the form of research to design projects and out of class time in the studio to complete the work. Required work outside of class per week is 6 hours, but it generally takes more time than this to successfully complete the projects. There will be no extension of due dates for projects once announced. Overdue work can affect grades dramatically. Students will automatically be dropped one letter grade for each project that is not completed and turned in for evaluation. Failure to attend the final critique will cost one letter grade as
well. A student who is absent from classes for the observance of a religious holy day, according to the legal definition, will be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after that absence.

**Clean Up Policy**

Students are responsible for putting away all tools that they have used during the work period and for helping to keep the studio neat.

**Disabilities**

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact the instructor as soon as possible so that the necessary accommodations can be made. Students should present appropriate verification from Disabled Student Services, Dean of Students Office. No requirement exists that accommodations be made prior to completion of this approved University process.

**Academic Honesty Policy**

As in all your courses, dishonesty or plagiarism will not be tolerated. It is critical that the work you submit for grading is of your own design and execution. Misrepresenting others work for your own can result in your expulsion from the course and possibly the University.

**Health and Safety Policy**

In an effort to maintain a safe academic and working environment, the Department of Art will endeavor to comply with the intent of state laws or acts.

1. **Gas**: Make sure the gas is always off when finished working.
2. **Sleeves**: Wear short sleeves or roll long sleeves up to prevent accidents such as catching fire or getting caught in machinery.
3. **Long Hair**: Long hair is extremely flammable and should ALWAYS be worn in a secure manner. It is also susceptible to being caught in machinery.
4. The last person to leave the studio will make sure the gas is off at ALL stations and torches, the tools are put away and the door locked.
5. Every student must read and sign the Studio Safety Policy handout.
6. Everyone must wear safety glasses when soldering or using equipment.

**Tool Kit**
As part of this course, you are issued a tool kit. All tool kits must be returned complete and undamaged at the end of the semester.

Tool Kit Replacement Costs

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side Cutters</td>
<td>16.50</td>
</tr>
<tr>
<td>Round Nose Pliers</td>
<td>16.50</td>
</tr>
<tr>
<td>Flat Nose Pliers</td>
<td>16.50</td>
</tr>
<tr>
<td>Chain Nose Pliers</td>
<td>16.50</td>
</tr>
<tr>
<td>Saw Frames</td>
<td>18.00</td>
</tr>
<tr>
<td>Ring Clamps</td>
<td>8.50</td>
</tr>
<tr>
<td>C-Clamps</td>
<td>4.50</td>
</tr>
<tr>
<td>Plastic Tool Box</td>
<td>2.50</td>
</tr>
</tbody>
</table>

TOTAL $100.00

Instructor Information

Name:  
Office phone:  
Office hours:  
Office location:  
E-mail address:  
Division Secretary: Lula Lee, 141 AFA  
Office phone: 685-4624  
Note: Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor's availability at a specific time.