

COURSE OUTLINE

**Art 282**  
**Methods in Wood Sculpture**

**I. Catalog Statement**

Art 282 explores a variety of techniques in basic wood working for the sculptor. Using both hand tools and power tools students become familiar with the procedures for creating an object from wood. There will be an emphasis on safety in the shop.

Units – 3.0

Lecture Hours – 2.0

Total Studio Hours – 2.0

(Faculty Studio Hours – 2.0 + Student Studio Hours – 0.0 = 2.0 Total Studio Hours)

Recommended Preparation: Art 138 or equivalent; eligibility for English 191 or ESL 141.

Note: This course may be taken 4 times; a maximum of 12 units may be earned.

**II. Course Entry Expectations**

Skills Level Ranges: Reading 4; Writing 4; Listening/Speaking 4; Math 2

**III. Course Exit Standards**

Upon successful completion of the required coursework, the students will be able to:

1. describe qualities of wood as a sculpture medium;
2. use hand tools applicable to wood working;
3. use power tools applicable to wood working;
4. create a design for a wood project using joinery techniques;
5. make a plan of procedure;
6. create a project in wood;
7. analyze the aesthetic merits of their work, and the work of peers.

**IV. Course Content**

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| A. Introduction to the Course              | 4 hours |
| 1. Course content and expectations         |         |
| 2. Grading                                 |         |
| 3. Tools, supplies and studio procedures   |         |
| B. Introduction to Concepts of Woodworking | 8 hours |
| 1. Properties of wood                      |         |

2. History of joinery
3. The effect of choice of material and process on the physical, conceptual and psychological aspects of work
- C. Introduction to Techniques of Wood Fabrication 16 hours
  1. Basic joinery: lap, butt, mitre,
  2. Gluing techniques
    - a. solvent based
    - b. water based
    - c. two part epoxies
    - d. laminating
  3. Fastening techniques
    - a. screws
    - b. hinges
    - c. nails
    - d. pins
    - e. dowels
- D. Patina Techniques 14 hours
  1. Color
    - a. water based
    - b. oil based
  2. Finish treatments such as brush spray and rubouts
    - a. sanding, sanding sealers, tack cloths
    - b. oil and wax
    - c. varnishes
    - d. texture
- E. Introduction to Intermediate Joining Techniques 22 hours
  1. Dovetail
  2. Rabbet
  3. Mortise and tenon

**V. Methods of Presentation**

The following instructional methods may be used in the course:

1. demonstrations/lectures;
2. slides, videos;
3. peer and instructor critiques.

**VI Assignments and Methods of Evaluation**

1. Projects.
2. Critiques.
3. Written assignment.
4. In-progress evaluations.

**VII. Textbook:**

Instructor handouts.