

Master Course Syllabus

For additional course information, including prerequisites, corequisites, and course fees, please refer to the Catalog: <https://catalog.uvu.edu/>

Semester: Spring

Course Prefix: ART 4360

Course Title: Mold Making and Casting

Year: 2025

Course and Section #:01

Credits: 3

Course Description

Covers the basic process of casting and the construction of molds. Emphasizes the use of molds in the development of sculptural ideas.

Course Attributes

This course has the following attributes:

- General Education Requirements
- Global/Intercultural Graduation Requirements
- Writing Enriched Graduation Requirements
- Discipline Core Requirements in Program
- Elective Core Requirements in Program
- Open Elective

Other: *Click here to enter text.*

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Instructor Information

Instructor Name: Pinegar, Tyler

Student Learning Outcomes

1. Explain the basic process of casting and the construction of molds.
 2. Identify the use of molds in the development of sculptural ideas.
 3. Develop a sense of craftsmanship in the creative process.
 4. Critique the works of others.
 5. Produce a body of work that incorporates topics covered in class.
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Course Materials and Texts

In this course we will use Silicone Rubber, Plaster, Hydro-Stone, Urethane Resin, Polyester Resin, Wax and other casting materials. Materials for molds and casting will be provided.

3-4 quizzes will be given during the class. Quizzes will vary in points and will relate to mold and casting materials.

Course Requirements

Course Assignments, Assessments, and Grading Policy

Projects:

You will be required to create a variety of different types of molds in this course and cast a variety of materials into those molds. The primary focus will be on the creation of effective molds not the artistic qualities of what is created. Types of molds will include:

- 1) Relief Mold (Plaster or Silicone Rubber)
- 2) Waste Mold (Alginate, green sand, resin bonded sand, paster, or other materials)
- 3) Slip Cast Mold (this is a solid plaster used to cast low fire ceramic slip into)
- 4) Multi-Part Silicone Rubber Mold

Will will work with some of the following casting materials; plaster, hydro-stone, wax, slip, paper, urethane resin, polyester resin, and other materials that can go from a liquid to solid state within a mold.

Quizzes

I will try to be creative as I quiz you on terms and concepts related to mold making and casting. I will hand out a list of terms for you to know. Some we will define in class others you will need to look up on your own.

Artist Research and Presentation:

Choose a contemporary sculptor from the provided list to research.

- 1) Complete an annotated bibliography of 8 sources using MLA format.
- 2) Give a power point presentation containing 8 slides that you will either present in class or post on an online discussion for group critique.

More information is given later in the term.

Attendance & Participation:

Attendance and participation in class is required. If absences occur for any illness, including Covid-19 or having to be quarantined, it is your responsibility to set up time with me - outside of class - to make up the missing wok, demos, or lectures. If you miss more than 4 class periods (2 weeks of class) you will need to contact the accessibility services office <https://www.uvu.edu/accessibility-services/Links to an external site>, and they will give me direction on how best to meet your needs. Please contact me early if you run into any difficulties with class attendance. I will work with you if you communicate your situation with me.

Evaluation and Grading:

Projects	75%
Quizzes.	5%
Research/Presentation.	10%
Attendance & Participation	10%

A plus and minus system is used in grading at UVU and I will do so as well. Below are verbal definitions of what a grade means.

- A= Excellent 90% answers all course requirements and performs at a level which is visibly outstanding.
- B= Above Average 80% answers all course requirements and performs at a level measurably above average.
- C= Average 70% answers all course requirements and performs adequately in doing so. This is the standard of competence.
- D= Below Average 60% answers all course requirements but performs at a level measurably below average.
- F= Fail 50% does not answer all course requirements or does so inadequately.

Breakdown of Grades by %

95-100% = A

90-94% = A-

87-89% = B+

84-86% = B

80-83% = B-

77-79% = C+

74-76% = C

70-73% = C-

and so fourth

Required or Recommended Reading Assignments

N/A

General Description of the Subject Matter of Each Lecture or Discussion

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|--------|---|
| Week 1 | Course Overview, Introduction Relief Mold |
| Week 2 | Make Relief Mold |
| Week 3 | Cast into Relief Mold |
| Week 4 | Cast into Relief Mold |
| Week 5 | Introduction and Work on Slip Cast Mold |
| Week 6 | Work on Slip Cast Mold |
| Week 7 | Cast into Slip Cast Mold |

Week 8	Introduction to and Create Waste Mold
Week 9	Create and cast into Waste Mold, Critique Molds and Casts, Introduction to Silicone Rubber Mold
Week 10	Spring Break
Week 11	Create Silicone Rubber Mold
Week 12	Create Silicone Rubber Mold
Week 13	Finish and cast into Silicone Rubber Mold, Presentations
Week 14	Cast into Silicone Rubber Mold, Presentations
Week 15	Cast into Silicone Rubber Mold, Presentations
	Critique casts during class final

Required Course Syllabus Statements

Generative AI

AI programs are not a replacement for your human creativity, originality, and critical thinking. Writing, thinking, and researching are crafts that you must develop over time to develop your own individual voice. At the same time, you should learn how to use AI and in what instances AI can be helpful to you. The use of generative AI tools (e.g. ChatGPT, Google Gemini, etc.) is permitted in this course for the following activities:

- Brainstorming and refining your ideas;
- Fine tuning your research questions;
- Finding information on your topic;
- Drafting an outline to organize your thoughts; and
- Checking grammar and style.

If you can figure out how to use AI to sculpt your work for you I would be impressed. But it would defeat the purpose of taking the class.

Using Remote Testing Software

This course does not use remote testing software.

This course uses remote testing software. Remote test-takers may choose their remote testing locations. Please note, however, that the testing software used for this may conduct a brief scan of remote test-takers' immediate surroundings, may require use of a webcam while taking an exam, may require the microphone be on while taking an exam, or may require other practices to confirm academic honesty. Test-takers therefore shall have no expectation of privacy in their test-taking location during, or immediately preceding, remote testing. If a student strongly objects to using test-taking software, the student should contact the instructor at the beginning of the semester to determine whether alternative testing arrangements are feasible. Alternatives are not guaranteed.

Required University Syllabus Statements

Accommodations/Students with Disabilities

Students needing accommodations due to a permanent or temporary disability, pregnancy or pregnancy-related conditions may contact UVU [Accessibility Services](#) at accessibilityservices@uvu.edu or 801-863-8747.

Accessibility Services is located on the Orem Campus in BA 110.

Deaf/Hard of Hearing students requesting ASL interpreters or transcribers can contact Accessibility Services to set up accommodations. Deaf/Hard of Hearing services can be contacted at DHHservices@uvu.edu

DHH is located on the Orem Campus in BA 112.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their [rights and responsibilities](#). In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in [UVU Policy 541: Student Code of Conduct](#).

Equity and Title IX

Utah Valley University does not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age (40 and over), disability, veteran status, pregnancy, childbirth, or pregnancy-related conditions, citizenship, genetic information, or other basis protected by applicable law, including Title IX and 34 C.F.R. Part 106, in employment, treatment, admission, access to educational programs and activities, or other University benefits or services. Inquiries about nondiscrimination at UVU may be directed to the U.S. Department of Education's Office for Civil Rights or UVU's Title IX Coordinator at 801-863-7999 – TitleIX@uvu.edu – 800 W University Pkwy, Orem, 84058, Suite BA 203.

Religious Accommodation

UVU values and acknowledges the array of worldviews, faiths, and religions represented in our student body, and as such provides supportive accommodations for students. Religious belief or conscience broadly includes religious, non-religious, theistic, or non-theistic moral or ethical beliefs as well as

participation in religious holidays, observances, or activities. Accommodations may include scheduling or due-date modifications or make-up assignments for missed class work.

To seek a religious accommodation, a student must provide written notice to the instructor and the Director of Accessibility Services at accessibilityservices@uvu.edu. If the accommodation relates to a scheduling conflict, the notice should include the date, time, and brief description of the difficulty posed by the conflict. Such requests should be made as soon as the student is aware of the prospective scheduling conflict.

While religious expression is welcome throughout campus, UVU also has a [specially dedicated space](#) for meditation, prayer, reflection, or other forms of religious expression.