

## ART191 : Advanced Ceramic Handbuilding

### General Information

Author:	<ul style="list-style-type: none"><li>Tobin Sparfeld</li></ul>
Course Code (CB01) :	ART191
Course Title (CB02) :	Advanced Ceramic Handbuilding
Department:	ART
Proposal Start:	Winter 2025
TOP Code (CB03) :	(1002.30) Ceramics
CIP Code:	(50.0711) Ceramic Arts and Ceramics.
SAM Code (CB09) :	Non-Occupational
Distance Education Approved:	No
Will this course be taught asynchronously?:	No
Course Control Number (CB00) :	CCC000094349
Curriculum Committee Approval Date:	05/08/2024
Board of Trustees Approval Date:	06/18/2024
Last Cyclical Review Date:	05/08/2024
Course Description and Course Note:	ART 191 explores complex problems of design and construction. Students will work with the ceramic medium in conjunction with other materials while exploring possibilities of designing for architecture. In-depth studies of surface design and decorative techniques are included.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none"><li>Credit</li></ul>
Author:	No value

### Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none"><li>Art</li></ul>
Alternate Discipline:	No value
Alternate Discipline:	No value

### Course Development

<b>Basic Skill Status (CB08)</b> Course is not a basic skills course.	<b>Course Special Class Status (CB13)</b> Course is not a special class.	<b>Grading Basis</b> <ul style="list-style-type: none"><li>Grade with Pass / No-Pass Option</li></ul>
<input type="checkbox"/> Allow Students to Gain Credit by Exam/Challenge	<b>Pre-Collegiate Level (CB21)</b> Not applicable.	<b>Course Support Course Status (CB26)</b> Course is not a support course

## Transferability & Gen. Ed. Options

### General Education Status (CB25)

Not Applicable

### Transferability

Transferable to both UC and CSU

### Transferability Status

Approved

## Units and Hours

### Summary

<b>Minimum Credit Units (CB07)</b>	3
<b>Maximum Credit Units (CB06)</b>	3
<b>Total Course In-Class (Contact) Hours</b>	72
<b>Total Course Out-of-Class Hours</b>	90
<b>Total Student Learning Hours</b>	162

### Credit / Non-Credit Options

#### Course Type (CB04)

Credit - Degree Applicable

#### Noncredit Course Category (CB22)

Credit Course.

#### Noncredit Special Characteristics

No Value

#### Course Classification Code (CB11)

Credit Course.

Variable Credit Course

#### Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience

Education Status (CB10)

### Weekly Student Hours

	In Class	Out of Class
Lecture Hours	2.5	5
Laboratory Hours	1.5	0
Studio Hours	0	0

### Course Student Hours

<b>Course Duration (Weeks)</b>	18
<b>Hours per unit divisor</b>	54
<b>Course In-Class (Contact) Hours</b>	
Lecture	45
Laboratory	27
Studio	0
<b>Total</b>	72
<b>Course Out-of-Class Hours</b>	
Lecture	90
Laboratory	0
Studio	0
<b>Total</b>	90

## Time Commitment Notes for Students

No value

## Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
No Value	No Value	No Value	No Value

## Pre-requisites, Co-requisites, Anti-requisites and Advisories

### Prerequisite

ART190 - Ceramic Handbuilding (in-development)

#### Objectives

- Analyze and design functional and non-functional hand-constructed ceramic objects.
- Construct ceramic forms by a variety of non-wheel techniques.
- Integrate surface texture into the design of a form.
- Choose and apply glaze to ceramic objects.
- Select appropriate firing procedures for each project.

## Entry Standards

Entry Standards

## Course Limitations

Cross Listed or Equivalent Course

## Specifications

Methods of Instruction

Methods of Instruction Collaborative Learning

Methods of Instruction Demonstrations

**Methods of Instruction** Lecture

**Methods of Instruction** Laboratory

**Methods of Instruction** Multimedia

### Out of Class Assignments

- Students are assigned lab practice time (e.g. students create ceramic vessels to build forming and glazing skills)
- Museum research report (e. g. students attend a local museum, select one historical handbuilt ceramic vessel, write a 5-page report on techniques used and cultural context of the vessel using primary and secondary sources)
- Portfolio (e.g. students create a portfolio of representative ceramic vessels)

### Methods of Evaluation

### Rationale

Exam/Quiz/Test

Mid-term

Exam/Quiz/Test

Final written examination

Evaluation

Final project critique

### Textbook Rationale

This is a classic textbook in ceramics. The information on the listed books doesn't change, as techniques, the geology and chemistry of clay are the same

### Textbooks

Author	Title	Publisher	Date	ISBN
Peterson, Susan	The Craft and Art of Clay: A Complete Potter's Handbook	Laurence King Publishing	2012	978-1856697286

### Other Instructional Materials (i.e. OER, handouts)

No Value

### Materials Fee

A material/lab fee may be required for this course.

## Learning Outcomes and Objectives

### Course Objectives

Analyze, design, and construct sculptural, functional, and architectural ceramics.

Evaluate ceramic constructions through individual and group critiques.

Compare and contrast ceramic constructions from historical and contemporary sources.

Integrate surface design into their ceramic constructions.

Load and fire kilns.

## SLOs

### Formulate ceramic objects using advanced handbuilding techniques.

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
<i>ART</i> Art - A.S. Degree Major	Define and use core concepts in 2D and 3D art
	Demonstrate skill in a broad range of media, materials and processes
	Produce original work the demonstrate a high level of craft
<i>ART</i> Art - Certificate	Define and use core concepts in 2D and 3D art
	Demonstrate skill in a broad range of media, materials and processes
	Produce original work the demonstrate a high level of craft
<i>ART</i> Studio Arts	Demonstrate intermediate mastery in a range of 2D/3D visual media
	Employ basic concepts in 2D design and drawing, or 3D design and drawing-for-sculpture; create portfolio ready, original artworks
<i>ART</i> Ceramics - A.S. Degree Major	define and use core concepts used in the ceramic area;
	demonstrate skill in a broad range of ceramic techniques;
	produce original work that demonstrates a high level of craft;
<i>ART</i> Ceramics - Certificate	define and use core concepts used in the ceramic area;
	demonstrate skill in a broad range of ceramic techniques;
	produce original work that demonstrates a high level of craft;

### Complete glazes of works using a variety of advanced techniques.

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
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## Additional SLO Information

**Does this proposal include revisions that might improve student attainment of course learning outcomes?**

No

**Is this proposal submitted in response to learning outcomes assessment data?**

No

**If yes was selected in either of the above questions for learning outcomes, explain and attach evidence of discussions about learning outcomes.**

No Value

**SLO Evidence**

No Value

## Course Content

### Lecture Content

#### Introduction and Orientation (6 hours)

- Course content and management of the class
- Sides of representative projects

#### Hard-Slab Warm-up (8 hours)

- Slides and examples of a variety of cups and saucers
- Demonstration of hard-slab possibilities using soft-slab, pinch, and coil additions
- Introduction of template or pattern making and usage
- Demonstration of underglazes in low-fire and cone 6 ranges
- Execution of a minimum of four hard slab cup and saucer sets (functional or sculptural), to be finished with ceramic underglazes and glazes in the cone 04 to cone 6 ranges

#### Stacking Piece (8 hours)

- Slides and examples of objects, ceramic and other media that would be best executed by using a stacking method of assembly
- Demonstration of stacking techniques showing flanges and keys
- Demonstration of possible surface treatments using organic and inorganic tools, scraping, paddling, and impressing
- Design and execution of a stacking piece with three or more sections (a minimum of 2 joints), at least 15" in height

#### Sculptural Ceramic Fountain (8 hours)

- Discussion and demonstration
- Slides of fountains used for building and homes
- Demonstration of pinch and fold technique as used to achieve height rapidly
- Research, design, and execution of a fountain to function as sculpture in a given environment (3' height minimum)

**Combination (wheel thrown and coil, or coil) (8 hours)**

- Introduction and demonstration of historical methods combining a thrown form on the potter's wheel with addition of coiling to achieve larger pottery forms Demonstrations using the wheel with only coils rolled by hand
- Slides of historical as well as contemporary wares made with the coil technique
- Execution of either a coiled or wheel-thrown and coiled piece 24-inch height

**Saggur Firing (7 hours)**

- Introduction
- Construction of a piece of student's choosing, as well as an accompanying saggur to fire it in, experimenting with different types of materials, organic and inorganic, discovering and inventing different surface possibilities.

**Total hours: 45**

**Laboratory/Studio Content**

**Hard-Slab Warm-up (5 hours)**

- Slides and examples of a variety of cups and saucers
- Demonstration of hard-slab possibilities using soft-slab, pinch, and coil additions
- Introduction of template or pattern making and usage
- Demonstration of underglazes in low-fire and cone 6 ranges
- Execution of a minimum of four hard slab cup and saucer sets (functional or sculptural), to be finished with ceramic underglazes and glazes in the cone 04 to cone 6 ranges

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**Sculptural Ceramic Fountain (5 hours)**

- Discussion and demonstration
- Slides of fountains used for building and homes
- Demonstration of pinch and fold technique as used to achieve height rapidly
- Research, design, and execution of a fountain to function as sculpture in a given environment (3' height minimum)

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- Slides of historical as well as contemporary wares made with the coil technique
- Execution of either a coiled or wheel-thrown and coiled piece 24-inch height

**Saggur Firing (5 hours)**

- Introduction
- Construction of a piece of student's choosing, as well as an accompanying saggur to fire it in, experimenting with different types of materials, organic and inorganic, discovering and inventing different surface possibilities.

**Total hours: 27**

**Additional Information**

Is this course proposed for GCC Major or General Education Graduation requirement? If yes, indicate which requirement in the two areas provided below.

No

**GCC Major Requirements**

No Value

**GCC General Education Graduation Requirements**

No Value

**Repeatability**

Not Repeatable

**Justification (if repeatable was chosen above)**

No Value

**Resources**

**Did you contact your departmental library liaison?**

No

**If yes, who is your departmental library liaison?**

No Value

**Did you contact the DEIA liaison?**

No

**Were there any DEIA changes made to this outline?**

No Value

**If yes, in what areas were these changes made:**

No Value

**Will any additional resources be needed for this course? (Click all that apply)**

- No

**If additional resources are needed, add a brief description and cost in the box provided.**

No Value