

## ART186 : Ceramics I

### General Information

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Attachments:	DE Addendum_ART_186 COR_04_01_2017 CoDE_05_23_2023.pdf.pdf.pdf.pdf
Course Code (CB01) :	ART186
Course Title (CB02) :	Ceramics I
Department:	ART
Proposal Start:	Fall 2024
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) :	CCC000301818
Curriculum Committee Approval Date:	02/28/2024
Board of Trustees Approval Date:	04/16/2024
Last Cyclical Review Date:	02/28/2024
Course Description and Course Note:	ART 186 is an introductory study in the field of ceramics. Students learn various forming techniques, with an emphasis on the production of functional pottery forms, surface design techniques, and glaze application methods. Students are introduced to clay and glaze composition as well as basic kiln design.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none"><li>Credit</li></ul>

### 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

### Basic Skill Status (CB08)

Course is not a basic skills course.

Allow Students to Gain Credit by Exam/Challenge

### Course Special Class Status (CB13)

Course is not a special class.

### Pre-Collegiate Level (CB21)

Not applicable.

### Grading Basis

- Grade with Pass / No-Pass Option

### Course Support Course Status (CB26)

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

**Minimum Credit Units (CB07)** 3

**Maximum Credit Units (CB06)** 3

**Total Course In-Class (Contact) Hours** 72

**Total Course Out-of-Class Hours** 90

**Total Student Learning Hours** 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: None.

### Entry Standards

Entry Standards

### Course Limitations

Cross Listed or Equivalent Course

### Specifications

Methods of Instruction

Methods of Instruction                      Lecture

Methods of Instruction                      Demonstrations

**Methods of Instruction**

Laboratory

**Methods of Instruction**

Collaborative Learning

**Methods of Instruction**

Multimedia

**Out of Class Assignments**

- Lab practice time (e.g. students create ceramic vessels to build throwing and glazing skills)
- Museum research report (e. g. students attend a local museum, select one historical 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

Exam/Quiz/Test

Final written examination

Project/Portfolio

Portfolio of representative ceramic vessels

Writing Assignment

Museum research report

**Textbook Rationale**

Classic text

**Textbooks****Author****Title****Publisher****Date****ISBN**

Peterson, Susan

The Craft and Art of Clay: A  
Complete Potter's HandbookLaurence 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**

Create ceramic vessels using a variety of methods including wheel throwing and hand building.

Apply surface design to a pottery form by methods such as stamping, carving, and painting.

Glaze pottery forms by a variety of techniques including wax resist and oxide design.

Identify the various types of clays and their working properties.

Identify the main ingredients in ceramic glazes and explain their individual functions.

Identify the main types of kilns and explain how they function.

Evaluate classmates' work through oral critique.

### SLOs

#### Construct functional and sculptural forms using different forming methods.

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 - Certificate	Define and use core concepts in 2D and 3D art
	Demonstrate skill in a broad range of media, materials and processes
<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
<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 - Certificate	define and use core concepts used in the ceramic area;
	demonstrate skill in a broad range of ceramic techniques;
<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;

#### Create glaze forms using different glazing techniques.

Expected Outcome Performance: 70.0

<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
<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
<i>ILOs</i> Core ILOs	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.

ART  
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

ART  
Ceramics - A.S. Degree  
Major

define and use core concepts used in the ceramic area;

demonstrate skill in a broad range of ceramic techniques;

ART  
Ceramics - Certificate

define and use core concepts used in the ceramic area;

demonstrate skill in a broad range of ceramic techniques;

## 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

#### Orientation (5 hours)

- Overview of the class, required projects, grading procedures
- Overview of studio rules and procedures
- Introduction to the types of clays and their working properties
- Overview of the steps in the ceramic process

#### Introduction to Soft Slab Construction (6 hours)

- Wedging of clay to prepare for work
- Rolling out slabs of even thickness
- Exploration of textural possibilities using stamps and impressions
- Construction of several 'soft slab' cups for use in glaze testing

#### Introduction to Hard Slab Construction (6 hours)

- Design requirements for ceramic tiles
- Demonstration of methods of carving tiles
- Creating six, 4-inch x 4 inch, carved tiles

#### Introduction to Wheel Throwing (6 hours)

- Wedging of clay to remove air
- Centering the clay on the wheel
- Opening of the centered mound
- Lifting for height
- Shaping of desired forms
- Throwing of simply cylinder forms for use in trimming and glazing tests

#### Wheel Throwing and Trimming of Pottery Forms (6 hours)

- Designing and throwing bowl forms for various functions
- Trimming methods to create a footring and remove excess clay
- Designing and throwing cups and pitcher forms
- Designing and throwing various lidded forms

- Designing and throwing plate forms

#### **Surface Design and Glazing Techniques (6 hours)**

- Surface design utilizing the graffito technique
- Surface design utilizing the oxide painting technique
- Surface design utilizing the wax resist technique
- Surface design utilizing the glaze overlap technique

#### **Introduction to Glaze Composition (5 hours)**

- History of glaze technology and early glaze formulation Lecture on the types of glazes, their chemical compositions Special types of glazes
- Analysis of sample glaze formulas
- Safety issues associated with handling glaze materials

#### **Introduction to Kilns (5 hours)**

- Historical overview of the evolution of the kiln design
- Discussion of the influence of kiln temperature and atmosphere on glaze and clay color
- Use of pyrometric cones and pyrometers to determine the end point of a firing Contemporary kilns
  - Natural gas
  - Electric
- Safety issues associated with kilns

**Total hours: 45**

### **Laboratory/Studio Content**

#### **Introduction to Soft Slab Construction (5 hours)**

- Wedging of clay to prepare for work
- Rolling out slabs of even thickness
- Exploration of textural possibilities using stamps and impressions
- Construction of several 'soft slab' cups for use in glaze testing

#### **Introduction to Hard Slab Construction (5 hours)**

- Design requirements for ceramic tiles
- Demonstration of methods of carving tiles
- Creating six, 4-inch x 4 inch, carved tiles

#### **Introduction to Wheel Throwing (6 hours)**

- Wedging of clay to remove air
- Centering the clay on the wheel
- Opening of the centered mound
- Lifting for height
- Shaping of desired forms
- Throwing of simply cylinder forms for use in trimming and glazing tests

#### **Wheel Throwing and Trimming of Pottery Forms (6 hours)**

- Designing and throwing bowl forms for various functions
- Trimming methods to create a footring and remove excess clay
- Designing and throwing cups and pitcher forms
- Designing and throwing various lidded forms
- Designing and throwing plate forms

#### **Surface Design and Glazing Techniques (5 hours)**

- Surface design utilizing the graffito technique
- Surface design utilizing the oxide painting technique
- Surface design utilizing the wax resist technique
- Surface design utilizing the glaze overlap technique

**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

**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