ART M72: CERAMIC DESIGN I

Originator
gzucca

Co-Contributor(s)

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College
Moorpark College

Discipline (CB01A)
ART - Art

Course Number (CB01B)
M72

Course Title (CB02)
Ceramic Design I

Banner/Short Title
Ceramic Design I

Credit Type
Credit

Start Term
Fall 2023

Formerly
ART M09A - Ceramic Design

Catalog Course Description
Explores clay bodies, glaze materials and calculations, and firing techniques through independent projects. Develops individual growth and creative expression.

Taxonomy of Programs (TOP) Code (CB03)
1002.00 - Art (Painting, Drawing, and Sculpture)

Course Credit Status (CB04)
D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)
A (Transferable to both UC and CSU)

Course Basic Skills Status (CB08)
N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)
E - Non-Occupational

Course Cooperative Work Experience Education Status (CB10)
N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)
Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)
N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)
Y - Not Applicable

Course Noncredit Category (CB22)
Y - Credit Course

Funding Agency Category (CB23)
Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)
1 - Program Applicable

General Education Status (CB25)
Y - Not Applicable

Support Course Status (CB26)
N - Course is not a support course

Field trips
May be required

Faculty notes on field trips; include possible destinations or other pertinent information
To the beach in Malibu Thornhill Broome & Museums

Grading method
(L) Letter Graded

Alternate grading methods
(O) Student Option- Letter/Pass
(P) Pass/No Pass Grading

Does this course require an instructional materials fee?
No

Repeatable for Credit
No

Is this course part of a family?
No

Units and Hours

Carnegie Unit Override
No

In-Class

Lecture
Minimum Contact/In-Class Lecture Hours
17.5
Maximum Contact/In-Class Lecture Hours
17.5

Activity

Laboratory
Minimum Contact/In-Class Laboratory Hours
105
Maximum Contact/In-Class Laboratory Hours
105

Total in-Class

Total in-Class
Total Minimum Contact/In-Class Hours
122.5
Total Maximum Contact/In-Class Hours
122.5

Outside-of-Class

Internship/Cooperative Work Experience

Paid

Unpaid

Total Outside-of-Class

Total Outside-of-Class
Minimum Outside-of-Class Hours
35
Maximum Outside-of-Class Hours
35

Total Student Learning

Total Student Learning
Total Minimum Student Learning Hours
157.5
Total Maximum Student Learning Hours
157.5

Minimum Units (CB07)
3
Maximum Units (CB06)
3

Prerequisites
ART M23 and ART M71

Entrance Skills

Entrance Skills
ART M23 and ART M71

Prerequisite Course Objectives
ART M23-develop awareness of commercial and fine art three-dimensional works.
ART M23-explore and develop individual creative process.
ART M23-employ principles of design when analyzing historic or contemporary three-dimensional forms.
ART M23-demonstrate an understanding of the effects of scale, light and gravity on the three-dimensional form.
ART M23-employ principles of design: proportion, emphasis, movement, balance, repetition, rhythm, economy and variety.
ART M23-demonstrate an understanding that each material has unique properties.

ART M23-make constructed compositions that demonstrate the understanding of the third dimension and its elements of line, mass, shape, space, texture, color, and value.
ART M23-define and apply the design principles which govern the making of art forms that are to be viewed from all sides.
ART M71-demonstrate knowledge and experience in glaze mixing safety procedures.
ART M71-demonstrate knowledge and experience in batch recipe glaze mixing.
ART M71-apply knowledge and experience in creating simple and complex forms (such as teapots, lidded forms, footed forms, altered forms, etc.).
ART M71-analyze and critique glazes.
ART M71-analyze and critique ceramic works of art.
ART M71-complete a series of projects designed to expand technical and creative skills.
ART M71-make a presentation of finished works of art.
ART M71-demonstrate knowledge and experience in utilizing more than one firing process (high fire, raku, pitfire, crystalline, etc.).
ART M71-demonstrate an understanding of a diverse range of artworks and artistic movements throughout historical and contemporary art, including those from the traditional western canon and those from underrepresented non-western cultures.
ART M71-demonstrate creativity and sensitivity as they research, produce, analyze and critique works of art, while maintaining an awareness of diversity, equity and inclusion.

Requisite Justification

Requisite Type
Prerequisite

Requisite
ART M23

Requisite Description
Course not in a sequence

Level of Scrutiny/Justification
Content review

Requisite Type
Prerequisite

Requisite
ART M71

Requisite Description
Course in a sequence

Level of Scrutiny/Justification
Closely related lecture/laboratory course

Student Learning Outcomes (CSLOs)

	Upon satisfactory completion of the course, students will be able to:
1	demonstrate creative and critical thinking, with an awareness and sensitivity to individual and cultural differences, as they research, produce, analyze and evaluate ceramic designs at a beginning level.
2	complete a multiple projects designed to expand technical skills and develop creative personal style, utilizing a variety of clay bodies, glazes and firing processes.
3	identify the elements and principles of design and demonstrate their roles in relation to beginning level ceramic design vocabulary and works of art.

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1	demonstrate knowledge and experience in glaze mixing safety procedures.
2	demonstrate knowledge and experience in glaze mixing for high and low fire processes.
3	sketch project ideas to aid in the development and creation of ceramics art projects.

4	complete a series of projects designed to expand technical skills and develop creative personal style utilizing a variety of clay bodies.
5	analyze and critique glazes (utilize the Elements of Design to aid in the analysis).
6	analyze and critique ceramic works of art (utilize the Elements and Principles of Design to aid in the analysis).
7	present a portfolio display of finished works of art.
8	demonstrate knowledge and experience in kiln loading and firing (bisque, high temperature glaze, raku, crystalline, pit fire, oxidation firing and reduction firing).
9	demonstrate an understanding of a diverse range of artworks and artistic movements throughout historical and contemporary art, including those from the traditional western canon and those from underrepresented non-western cultures.
10	demonstrate creativity and sensitivity as they research, produce, analyze and critique works of art, while maintaining an awareness of diversity, equity and inclusion.

Course Content

Lecture/Course Content

3% Introduction, organization, safety, glaze mixing safety
Critique: students bring in and talk about past work

10% Portfolio presentation of finished works - Lecture and demonstration
A. Creating an effective display of multiple works
B. Editing
C. How to talk about the work
D. Aesthetic considerations
E. Technical considerations
F. Lighting
G. Photographing

10% Glaze critique
A. Group critique
B. Individual, student and instructor Kilns and firing - Lecture and demonstration
A. Bisque loading and unloading
B. Glaze fire loading and unloading
C. Raku firing
D. Crystalline firing
E. Pit Fire
F. Oxidation/Reduction

10% Student project critique
A. Group critique
B. Individual, student and instructor critique

30% Complex multiple part forms - Lecture and demonstration
A. Research
B. Sketching and developing ideas
C. Joining techniques
D. Distortion techniques
E. Decorative techniques
F. Developing ideas by working in a series

17% Basic techniques - Lecture and demonstration
A. Hand-building methods
B. Wheel-throwing techniques
C. Combining hand-built and wheel-thrown techniques

10% Demonstration on throwing tall cylinders

10% Glaze mixing - Lecture and demonstration
A. Safety
B. Materials
C. Batch glaze formula
D. Step-by-step instructions for batch glaze mixing
E. Glaze research assignment

Laboratory or Activity Content

5% Glaze mixing
A. Mixing batch recipe
B. Glaze research and testing assignment

20% Basic techniques - Series Project
A. Hand building methods
B. Wheel throwing techniques
C. Combining hand built and wheel thrown techniques

30% Complex multiple part forms - Series Projects utilizing a variety of clay bodies
A. Research historic and cultural inspirations for the project
B. Sketching and developing ideas
C. Joining techniques
D. Distortion techniques
E. Decorative techniques
F. Developing ideas by working in a series

10% Basic techniques - Series Project utilizing a variety of clay bodies
A. Hand-building methods
B. Wheel-throwing techniques
C. Combining Hand-built and wheel-thrown techniques

10% Student project critique

10% Glaze critique

5% Kilns and firing
A. Assisting Instructors and lab tech in loading of kilns
B. Observing kiln programming and firing process

10% Portfolio presentation of finished works

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Written expression
Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Group projects
Individual projects
Journals
Objective exams
Oral analysis/critiques
Oral presentations
Portfolios
Quizzes
Reports/papers
Research papers
Skills demonstrations
Written compositions
Written homework
Classroom Discussion
Projects
Participation
Reports/Papers/Journals

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Laboratory activities
Lecture
Other (specify)

Specify other method of instruction

Instructor-led group analysis and discussion of design issues.

Describe specific examples of the methods the instructor will use:

The instructor will lecture, demonstrate and assign methods of constructing functional forms, then the students will apply this knowledge in order to create their own artistic interpretation of the assignment.

Instructor will show examples of historic and contemporary art that help inform and inspire the student's projects.

The instructor will demonstrate various decorative techniques and have the students apply the technique to their projects.

The instructor will demonstrate how to safely mix, adjust and glazes.

Representative Course Assignments

Writing Assignments

written report on a contemporary ceramics artist.
report describing a gallery or museum visit; paper should include a critical analysis of the art that was seen.
written critique of peers' project.
self-reflective writing on design project.
essay responses to selected questions on exams.

Critical Thinking Assignments

participate in group critiques of student series project.
critique peer final presentation to find aesthetic similarities within the student's projects.
analyze peer glaze project and determine glazing process. What came first, was wax resist used, how thick were the glaze applications, what glazes were used, what was the firing process?

Reading Assignments

research specific artist ceramics art works.
research ceramics from the student's historic family culture.

Skills Demonstrations

research, find, mix and test new glaze recipe.
create a complex form using multiple parts put together.

Problem-Solving and Other Assignments (if applicable)

combine two or more inspirational art works into one original art work.
create a series of art works inspired by a specific art work.

Outside Assignments

Representative Outside Assignments

photograph, collect and organize a digital personal ceramics portfolio (use PowerPoint or similar software).
research visual resources and develop ideas for projects.

Articulation

Equivalent Courses at 4 year institutions

University	Course ID	Course Title	Units
no lower division comparable course found at CSU or UC			

Comparable Courses within the VCCCD

ART V52A - Ceramic Design I

Equivalent Courses at other CCCs

College	Course ID	Course Title	Units
Bakersfield College	ART B12	Ceramics III	3
Barstow College	ARTS 18B/C	Intermediate/Advanced Ceramics	3/3
Chabot College	ART 16C	Introduction to Ceramics II	3
El Camino College	ART 262	Intermediate Ceramics	3

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

F. Ethnic Studies/Gender Studies

Course is CSU transferable
Yes

CSU Baccalaureate List effective term:
F1995

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

UC TCA

UC TCA
Approved

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type
Textbook

Description
Peterson, Jan, and Susan Peterson. *The Craft and Art of Clay: A Complete Potter's Handbook*. 5th ed., Laurence King, 2012.

Resource Type
Textbook

Description
Muller, Kristin. *The Potter's Studio Handbook: A Start-to-Finish Guide to Hand-Built and Wheel-Thrown Ceramics*. Crestline, 2016.

Resource Type
Textbook

Description
Muller, Kristin, and Jeff Zamek. *The Potter's Complete Studio Handbook: The Essential, Start-to-Finish Guide for Ceramic Artists*. Quarry, 2011.

Resource Type
Textbook

Classic Textbook
Yes

Description
Speight, Charlotte, and John Toki. *Hands in Clay; An Introduction to Ceramics*. 5th ed., McGraw-Hill, 2004.

Resource Type
Textbook

Classic Textbook
Yes

Description
Nelson, Glenn C., and Richard Burkett. *Ceramics: A Potter's Handbook*. 6th ed., Cengage, 2002.

Resource Type
Periodical

Description
Ceramics Monthly. The American Ceramic Society, 2022.

Resource Type
Software

Description
GlazeMaster
PotteryNotes ListGizmo app

Resource Type
Websites

Description
https://www.getty.edu,
https://digitalfire.com

Library Resources

Assignments requiring library resources
Research using the library's print and online resources.

Sufficient Library Resources exist
Yes

Example of Assignments Requiring Library Resources
Research, using the Library's print and online resources, in the investigation of various designs of ceramic art pieces, their materials and composition.
Research art works from various artists and cultures.

Primary Minimum Qualification
ART

Review and Approval Dates

Department Chair
11/08/2022

Dean
11/10/2022

Technical Review
02/02/2023

Curriculum Committee
2/7/2023

DTRW-I
MM/DD/YYYY

Curriculum Committee
MM/DD/YYYY

Board
MM/DD/YYYY

CCCCO
MM/DD/YYYY

Control Number
CCC000431366

DOE/accreditation approval date
MM/DD/YYYY