

ARTC115 : Art and Design Foundations: 3-D

General Information

Author:	<ul style="list-style-type: none">• Lisa Darty• King, Sarah• McGuire, Tanner
Course Code (CB01) :	ARTC115
Course Title (CB02) :	Art and Design Foundations: 3-D
Department:	Visual & Performing Arts
Proposal Start:	Fall 2021
TOP Code (CB03) :	(1002.00) Art (Painting, Drawing, and Sculpture)
SAM Code (CB09) :	Non-occupational
Distance Education Approved:	Yes
Course Control Number (CB00) :	CCC000557224
Curriculum Committee Approval Date:	10/04/2013
Board of Trustees Approval Date:	11/14/2013
External Review Approval Date:	08/01/2014
Course Description:	<p>This course is an introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. A combined lecture and studio approach provides the student with the opportunity to develop a visual vocabulary for creative expression. The course uses traditional, hands-on art production methods and materials for representational and non-representational three-dimensional studio projects. Digital tools are not used in this course.</p>
Submission Type:	<p>Mandatory Revision</p> <p>This is a cyclical review, with updated methods of instruction, methods of evaluation, and textbook. The course title has been expanded. This course was last assessed in fall 2015; the assessment did not affect this revision.</p>
Author:	No value

Faculty Minimum Qualifications

Master Discipline Preferred:	<ul style="list-style-type: none">• Art
Alternate Master Discipline Preferred:	No value
Bachelors or Associates Discipline Preferred:	No value
Additional Bachelors or Associates Discipline Preferred:	No value

Course Formerly Known As

Course Formerly Known As

3D Design

Course Development Options**Basic Skills Status (CB08)**

Course is not a basic skills course.

 Allow Students to Gain Credit by Exam/Challenge**Rationale For Credit By Exam/Challenge**

No value

Course Support Course Status (CB26)

Course is not a support course

Course Special Class Status (CB13)

Course is not a special class.

Allowed Number of Retakes

0

Retake Policy Description

Type:|Non-Repeatable Credit

Grade Options

- Letter Grade Methods
- Pass/No Pass

Course Prior To College Level (CB21)

Not applicable.

 Allow Students To Audit Course**Associated Programs** Course is part of a program (CB24)**Associated Program****Award Type****Active**

CC Liberal Arts: Arts & Humanities

A.A. Degree Major

Summer 2018 to Fall 2020

CC Studio Arts for Transfer

A.A. Degree for Transfer

Summer 2018

Associate in Arts in Art History for Transfer Degree

A.A. Degree for Transfer

Spring 2018 to Fall 2018

Liberal Arts: Arts & Humanities Associate in Arts Degree

A.A. Degree Major

Fall 2020

Liberal Arts: Arts & Humanities Associate in Arts Degree (In Development)

A.A. Degree Major

Spring 2022

Transferability & Gen. Ed. Options**Course General Education Status (CB25)**

Y

Transferability

Transferable to both UC and CSU

Transferability Status

Approved

Cerro Coso General Education Requirements

Categories	Status	Approval Date	Comparable Course
Area 3.1 Humanities Active Participation	Approved	No value	No Comparable Course defined.
Area 3.2 Humanities Arts	Approved	No value	

Units and Hours

Summary

Minimum Credit Units (CB07)	3
Maximum Credit Units (CB06)	3
Total Course In-Class (Contact) Hours	108
Total Course Out-of-Class Hours	54
Total Student Learning Hours	162
Faculty Load	0

Credit / Non-Credit Options

Course Credit Status (CB04)

Credit - Degree Applicable

Course Non Credit Category (CB22)

Credit Course.

Non-Credit Characteristic

No Value

Course Classification Status (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	1.5	3
Laboratory Hours	4.5	0
Activity Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	27
Laboratory	81
Activity	0
Total	108

Course Out-of-Class Hours

Lecture	54
Laboratory	0
Activity	0
Total	54

Time Commitment Notes for Students

No value

Faculty Load

Extra Duties: 0

Faculty Load: 0

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

Advisory

ENGLC101 - Freshman Composition

In Art C115, students are expected to read a standard college level design textbook, read relevant design essays, and write clearly structured responses and/or short essays, all skills taught in English C101: Freshman Composition. **Outcomes**

- Read, analyze, and evaluate a variety of university-level texts for content, context, and rhetorical merit with consideration of tone, audience, and purpose.
- Develop varied and flexible strategies for generating, drafting, and revising essays.
- Evaluate the style of one's own writing and the writing of others and self-correct for greater clarity and directness.
- Integrate the ideas of others through paraphrasing, summarizing, and quoting without plagiarism.

OR

Entrance Skills

Entrance Skills	Description
No value	No value

Limitations on Enrollment

Limitations on Enrollment

Description

No value

No value

Specifications

Methods of Instruction

Methods of Instruction

Lecture

Rationale

Instructor presents a lecture on some of the elements of three-dimensional design: form, mass, space, surface quality, light, and time and motion.

Methods of Instruction

Demonstration

Rationale

Instructor demonstrates the use of metal-working tools to shape rebar into a three-dimensional form.

Methods of Instruction

Project-based learning

Rationale

Students study the design principles of time and motion in the creation of a three-dimensional, kinetic form.

Methods of Instruction

Problem Solving

Rationale

Students are given a design brief, and then work in small groups to problem solve and formulate a plan for executing the brief.

Assignments

Library research, written essays, museum and gallery visits, attendance at cultural events. Example: Students are required to research a specific artist in order to more thoroughly understand his or her contribution to the field of three-dimensional design.

Methods of Evaluation

Rationale

Other

Portfolio review. Example: Instructor and students will examine, discuss, and critique the body of student work created during the semester.

Tests

Exams or quizzes. Example: Students complete multiple choice quizzes to assess knowledge of presented lecture or demonstration content.

Participation

Participation. Example: Students will engage in group and individual critiques in oral or written formats.

Project

Projects. Example: Students plan, design, and construct a 3-dimensional form using a specific material.

Equipment

No Value

Textbooks

Author	Title	Publisher	Date	ISBN
Roth, Richard and Pentak, Stephen	Design Basics: 3D, 8th Edition	Wadsworth	2013	This is the most recent edition of this standard textbook.
Luecking, Stephen	Principles of Three-Dimensional Design: Objects, Space and Meaning	Pearson	2002	This is the only edition of this C-ID recommended textbook.

Other Instructional Materials

No Value

Materials Fee

\$20.00. This fee pays for art materials that will result in art projects that students will take with them. Typical materials include: Sheet metal, \$9.00; cheesecloth, \$5.00; liquid latex, \$15.00; plaster, \$16.00; and clay, \$5.00; for a total of \$50.00

Learning Outcomes and Objectives

Course Objectives

Demonstrate a working knowledge and understanding of the formal elements of three-dimensional art, including line, shape, form, space, value, texture, and color.

Demonstrate a working knowledge and understanding of the organizing principles of three-dimensional art, including balance, proportion, repetition, variety, scale, and emphasis.

CSLOs

Produce objects, forms, and problem-solving projects that successfully incorporate the basic elements and organizing principles of three-dimensional art. Expected SLO Performance: 70.0

Visual & Performing Arts
Studio Arts AA
Degree for
Transfer

4. Use a wide range of materials and means of expression to communicate visual ideas, including traditional or digital studio practices. Assessment: This will be assessed by successful completion of student projects, evaluated with a rubric.

3. Demonstrate proficiency in basic foundation level art techniques and practices. Assessment: This will be assessed by successful completion of student projects, evaluated with a rubric.

Visual & Performing Arts
Default Department
A.A. Degree for Transfer

1. Analyze and interpret the formal, technical, and expressive aspects of a work of art, whether as a historian, viewer, or creator. Assessment:Essay, scored with a rubric in Art C105, Art C106, Art C106H, Art C107, and Art C108. Written journal entry in Art C101. Oral or written critique in Art C111, Art C115, Art C121, Art C131, Art C141, and Art C151.

Discuss, describe, analyze, and critique three-dimensional works of art through references to the formal elements and principles of design.

Expected SLO Performance: 70.0

Visual & Performing Arts
Studio Arts AA
Degree for Transfer

2. Identify the formal, technical and expressive aspects in visual artworks, using critical skills to describe, analyze, interpret and evaluate such works. Assessment:This will be assessed through participation in group and individual critiques in oral or written formats.

ISLOs
Core ISLOs

Students who are completing a program will be able to communicate ideas, perspectives, and values clearly and persuasively while listening to others openly

English
Liberal Arts: Arts & Humanities
AA Degree

Evaluate, create, or perform artistic and cultural constructions.

Visual & Performing Arts
Default Department
A.A. Degree for Transfer

1. Analyze and interpret the formal, technical, and expressive aspects of a work of art, whether as a historian, viewer, or creator. Assessment:Essay, scored with a rubric in Art C105, Art C106, Art C106H, Art C107, and Art C108. Written journal entry in Art C101. Oral or written critique in Art C111, Art C115, Art C121, Art C131, Art C141, and Art C151.

Translate ideas and visual experience into three-dimensional forms by executing individual aesthetic decisions and judgments related to design work.

Expected SLO Performance: 70.0

Visual & Performing Arts
Default Department
A.A. Degree for Transfer

4. Demonstrate familiarity with a variety of art production processes. Assessment:Project, scored with a rubric in Art C101, Art C111, Art C115, Art C121, Art C131, Art C141, and Art C151.

Visual & Performing Arts
Studio Arts AA Degree for Transfer

3. Demonstrate proficiency in basic foundation level art techniques and practices. Assessment:This will be assessed by successful completion of student projects, evaluated with a rubric.

4. Use a wide range of materials and means of expression to communicate visual ideas, including traditional or digital studio practices. Assessment:This will be assessed by successful completion of student projects, evaluated with a rubric.

Recognize specific design elements and principles in works of art as well as in the everyday physical world, throughout history and across cultures;

Expected SLO Performance: 70.0

English
Liberal Arts: Arts & Humanities
AA Degree

Describe how people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation.

Visual & Performing Arts
Default Department
A.A. Degree for Transfer

1. Analyze and interpret the formal, technical, and expressive aspects of a work of art, whether as a historian, viewer, or creator. Assessment:Essay, scored with a rubric in Art C105, Art C106, Art C106H, Art C107, and Art C108. Written journal entry in Art C101. Oral or written critique in Art C111, Art C115, Art C121, Art C131, Art C141, and Art C151.

Visual & Performing Arts
Studio Arts AA
Degree for Transfer

1. Demonstrate knowledge of the arts through associated terminology, historical practices and contemporary developments. Assessment:This will be assessed with the following tools: quizzes, tests and written assignments.

Compose in three dimensions and work with a variety of media which may include (but is not limited to) clay, wood, metal, paint, plaster, paper, mixed media, and digital technology such as 3D scanners and printers.

Expected SLO Performance: 70.0

Visual & Performing Arts
Default Department
A.A. Degree for Transfer

4. Demonstrate familiarity with a variety of art production processes. Assessment: Project, scored with a rubric in Art C101, Art C111, Art C115, Art C121, Art C131, Art C141, and Art C151.

Visual & Performing Arts
Studio Arts AA Degree for Transfer

4. Use a wide range of materials and means of expression to communicate visual ideas, including traditional or digital studio practices. Assessment: This will be assessed by successful completion of student projects, evaluated with a rubric.

3. Demonstrate proficiency in basic foundation level art techniques and practices. Assessment: This will be assessed by successful completion of student projects, evaluated with a rubric.

Outline

Course Outline

1. The Elements of Design; Concepts and Terminology
 - a. Form
 - b. Mass and space
 - c. Line
 - d. Plane
 - e. Surface
 - f. Color
 - g. Relationship between elements
2. The Organizing Principles of Design
 - a. Balance
 - b. Proportion and Scale
 - c. Repetition
 - d. Pattern
 - e. Symmetry
 - f. Emphasis
 - g. Unity
 - h. Relationship between elements and principles
3. The World of Design
 - a. Recognizing design in everyday objects
 - b. Recognizing design in art
 - i. Historical periods
 - ii. Cultural differences
4. Working in Three Dimensions
 - a. Translating ideas into three dimensional forms
 - i. Multi-directional
 - ii. Non-sculptural
 - iii. Bas-relief
5. Materials
 - a. Meaning
 - b. Ease of use
 - c. Traditional materials
 - d. New materials
6. Fabrication Techniques
 - a. Additive
 - b. Subtractive
 - c. Constructive
 - d. Ready-made
 - e. New technologies

7. Formal and Conceptual Approaches

- a. Planning
- b. Problem solving
- c. Processes
- d. Conceptual strategies

8. Structure

- a. Principles
- b. Efficiency
- c. Physical forces
- d. Joinery

9. Figuration

- a. Representational
- b. Non-representational

10. Evolution of Three-Dimensional Design

- a. Historical development
- b. Evolving context
 - i. Culture; genre; site; period; discipline; demographic

11. Contemporary Trends

- a. Interdisciplinary forms
- b. Virtual design
- c. Computer aided production
- d. Space age materials

Lab Outline

Lab activities will include:

1. Translating Ideas into Three Dimensional Form

- a. Additive methods
- b. Subtractive methods
- c. Constructive methods
- d. Ready-made materials

2. Organization

- a. Elements
- b. Principles
- c. Putting it all together

3. Problem solving

- a. Evaluating work and making aesthetic judgments
- b. Using historical references
- c. Identifying medium based solutions

4. Composing in Three Dimensions - Studio Processes; Materials and Techniques

- a. Woodwork
- b. Metalwork
- c. Plaster
- d. Paper
- e. Wire
- f. Modern construction materials
- g. Studio safety

5. Critique processes

- a. Application of vocabulary
- b. Historical context
- c. Cultural references
- d. Working in groups

Delivery Methods

Delivery Method: Please list all that apply -Face to face -Online (purely online no face-to-face contact) -Online with some required face-to-face meetings ("Hybrid") -Online course with on ground testing -iTV – Interactive video = Face to face course with significant required activities in a distance modality -Other

- Face to face

Rigor Statement: Assignments and evaluations should be of the same rigor as those used in the on-ground course. If they are not the same as those noted in the COR on the Methods of Evaluation and out-of-class assignments pages, indicate what the differences are and why they are being used. For instance, if labs, field trips, or site visits are required in the face to face section of this course, how will these requirements be met with the same rigor in the Distance Education section? Describe the ways in which instructor-student contact and student-student contact will be facilitated in the distance ed environments.

No Value

Good practice requires both asynchronous and synchronous contact for effective contact. List the methods expected of all instructors teaching the course. -Learning Management System -Discussion Forums -Message -Other Contact -Chat/Instant Messaging -E-mail - Face-to-face meeting(s) -Newsgroup/Discussion Board -Proctored Exam -Telephone -iTV - Interactive Video -Other

- Message
- Chat/Instant Messaging
- E-mail

Software and Equipment: What additional software or hardware, if any, is required for this course purely because of its delivery mode? How is technical support to be provided?

NA

Accessibility: Section 508 of the Rehabilitation Act requires access to the Federal government's electronic and information technology. The law covers all types of electronic and information technology in the Federal sector and is not limited to assistive technologies used by people with disabilities. It applies to all Federal agencies when they develop, procure, maintain, or use such technology. Federal agencies must ensure that this technology is accessible to employees and the public to the extent it does not pose an "undue burden". I am using -iTV—Interactive Video only -Learning management system -Publisher course with learning management system interface.

No Value

Class Size: Good practice is that section size should be no greater in distance ed modes than in regular face-to-face versions of the course. Will the recommended section size be lower than in on-ground sections? If so, explain why.

25

Emergency Distance Education Options The course will operate in remote delivery mode when all or part of the college service area is under an officially declared city, county, state, or federal state of emergency, including (check all that apply) - Online including all labs/activity hours - Hybrid with online lecture and onsite lab/activity hours - Correspondence education in high school and prison facilities - None. This course will be cancelled or paused if it cannot be held fully onsite.

- None. This course will be cancelled or paused if it cannot be held fully onsite.