

ARCH 120: VISUAL LITERACY AND CIVILIZATION: AN ARCHITECT'S VIEW

Originator

zbecker

Co-Contributor(s)**Name(s)**

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Justification / Rationale

New Curriculum for the College of the Desert/Cal Poly 2+3 Architecture partnership that will bring a full Architecture Professional degree to the College of the Desert West Valley campus.

Effective Term

Spring 2022

Credit Status

Credit - Degree Applicable

Subject

ARCH - Architecture

Course Number

120

Full Course Title

Visual Literacy and Civilization: An Architect's View

Short Title

VISUAL LITERACY

Discipline**Disciplines List**

Architecture

ModalityFace-to-Face
100% Online
Hybrid**Catalog Description**

This course focuses on the role of visual explanation in Western European civilization, while also emphasizing its cultural relativity. It analyzes the rules of representational conventions in the context of their rich cultural history and contrasts them with non-western traditions. The course introduces several 20th-century schools of thought that have been critical of the hegemonic visual regime of modernity, and its role in colonial expansion and domination of non-western cultures.

Schedule Description

This course focuses on the role of visual explanation in Western European civilization, while also emphasizing its cultural relativity.

Lecture Units

2

Lecture Semester Hours

36

Lab Units

1

Lab Semester Hours

54

In-class Hours

90

Out-of-class Hours

72

Total Course Units

3

Total Semester Hours

162

Required Text and Other Instructional Materials**Resource Type**

Web/Other

Open Educational Resource

Yes

Description<https://www.wickedproblems.com/read.php>

For Text greater than five years old, list rationale:

This course covers historical perspective and materials from older texts and articles are appropriate.

Class Size Maximum

30

Course Content

- Forms of visual explanation: Orthogonal Projection; Axonometric drawing; Perspective
- The "True" and the "Distorted"
- The Light and the Shadow
- Visual Explanation and Western-European Colonial Expansion
- Axonometry revisited
- Constructing the visual regime of modernity
- Vision and Visuality in the Digital Age: The Politics of Vision

Lab Content

- Additional discussion of readings on all lecture content topics
- Drawing assignments on all lecture content topics

Course Objectives

	Objectives
Objective 1	Identify key moments in the history of representation, including but not limited to: proto-orthographic representation in Ancient Egypt; examples of early map-making around the world; works on optics by al-Kindi, Avicenna (Ibn-Sina), and Alhazen (al-Haytham); atmospheric perspective (recession of space) in Chinese painting and Japanese print; late-medieval architectural drawings; the Renaissance "invention" of perspective and of orthographic representation; the evolution of representation in the early Modern world.
Objective 2	Describe connections between culture and the ways in which we visualize the world from a holistic perspective, and identify universal versus culturally specific aspects of visual communication.
Objective 3	Explain the phenomenon of Western European ocular-centrism in the context of world cultures.
Objective 4	Define the impact of our visual culture on Western-European art, science, and technology, and explain how it has contributed to Western-European colonial expansion.
Objective 5	Improve reasoning skills by identifying and summarizing the thesis; identifying the type of argument; evaluate evidence; evaluate competing assumptions and competing conclusions.

Objective 6	Critically analyze primary sources.
Objective 7	Improve written communication skills including clarity in organization, clarity in written expression and the ability to use the appropriate terminology.
Objective 8	Recognize geometric principles behind architectural and technical graphic conventions.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:

Outcome 1	Distinguish between different aspects of cultural visual communication styles and methods.
Outcome 2	Develop analysis and evaluation skills to synthesize concepts and solutions for a variety of issues.
Outcome 3	Present concepts and solutions using architectural and technical oral, written, and graphic conventions.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Lecture	The subject matter and presentation techniques have been selected to fulfill the Course Objectives.
Discussion	Portions of the class sessions (30-40 minutes per week) will be dedicated to the discussion of the readings.
Participation	Weekly sequential assignments built on previous assignments.
Collaborative/Team	Small group activities to critique student activities.
Demonstration, Repetition/Practice	Demonstrate activities, techniques, or behaviors that promote intellectual or cultural growth.
Laboratory	Drawing assignments on all content topics.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
College level or pre-collegiate essays	Final paper(meaningful writing assignment) selected from a list of topics in week 5 of the class.	In and Out of Class
Student participation/contribution	Students will be requested to provide feedback several times per term to determine the appropriateness of the pace; the adequacy of tasks; efficiency of the instructional materials and media.	In and Out of Class
Tests/Quizzes/Examinations	Pop-up Quizzes on each topic and a comprehensive examination covering all material presented during the course.	In Class Only
Written homework	After participating in each of the five design exercises, each student will write a paper resolving a design problem.	Out of Class Only
Other	Students will be evaluated based upon the quality of their assignments from the text and hand-outs, weekly quizzes, and participation in classroom discussions. Mid-term and final examinations complete the evaluation process	In and Out of Class
Laboratory projects	Drawing projects will be evaluated on how well they demonstrate the reading topics.	In Class Only

Assignments

Other In-class Assignments

1. Group discussion of assigned reading materials.
2. Selection of term paper topic in week 5 and presentation of outline in week 8.
3. In-class exercises exploring different techniques of visual representation and discussions of history, philosophy, and art issues covered in the lectures.

4. Drawing assignment reflecting each of the content topics.
5. Class evaluate of drawing assignment.

Other Out-of-class Assignments

1. Reading assignments from required text and/or instructor "handouts".
2. Writing assignments based on lectures, reading and visual presentation.
3. Prepare for classroom discussions on "architectural periods".
4. Prepare for student presentations and discussions of assigned topics.
5. Short analytical papers after each of the design exercises.
6. Final written paper of 5 - 7 pages.

Grade Methods

Letter Grade Only

Distance Education Checklist

Include the percentage of online and on-campus instruction you anticipate.

Online %

50

On-campus %

50

Lab Courses

How will the lab component of your course be differentiated from the lecture component of the course?

The lab component requires drawings on each of the lecture content topics.

From the COR list, what activities are specified as lab, and how will those be monitored by the instructor?

Lab activities include drawing assignments which will be submitted to the instructor for grading.

How will you assess the online delivery of lab activities?

Lab will be primarily NOT online but if presented online it can be assessed by peer and instructor review of the drawing projects during development and after submission.

Instructional Materials and Resources

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

The college LMS will be the only technology used to hold student data.

Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

Within Course Management System:

Discussion forums with substantive instructor participation
Online quizzes and examinations
Regular virtual office hours
Timely feedback and return of student work as specified in the syllabus
Weekly announcements

External to Course Management System:

Direct e-mail
E-portfolios/blogs/wikis

Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.

Timely feedback and return of student work as specified in the syllabus
Discussion forums with substantive instructor participation
Online quizzes and examinations
Weekly announcements

Other Information

Comparable Transfer Course Information

University System

CSU

Campus

California State Polytechnic University, Pomona

Course Number

ENV 1010

Course Title

Introduction to Design Theories and Methods

Catalog Year

2015

Rationale

This new COD course is part of a partnership between College of the Desert and Cal Poly, designed to provide students with a full 2+3 Architecture professional degree at the College of the Desert West Valley Campus.

MIS Course Data

CIP Code

04.0901 - Architectural Technology/Technician.

TOP Code

020100 - Architecture and Architectural Technology

SAM Code

C - Clearly Occupational

Basic Skills Status

Not Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Credit Course

Approved Special Class

Not special class

Noncredit Category

Not Applicable, Credit Course

Funding Agency Category

Not Applicable

Program Status

Stand-alone

Transfer Status

Transferable to CSU only

General Education Status

Y = Not applicable

Support Course Status

N = Course is not a support course

Allow Audit

No

Repeatability

No

Materials Fee

No

Additional Fees?

No

Files Uploaded**Attach relevant documents (example: Advisory Committee or Department Minutes)**

ARCH 120_CO Approval Ltr 0616.pdf

Approvals**Curriculum Committee Approval Date**

4/15/2021

Academic Senate Approval Date

4/22/2021

Board of Trustees Approval Date

5/21/2021

Chancellor's Office Approval Date

6/16/2021

Course Control Number

CCC000625514