

ARCH 111: FOUNDATION DESIGN

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2023
Credits:	4
Total Contact Hours:	108
Lecture Hours :	54
Lab Hours:	54
Hours Arranged:	0
Outside of Class Hours:	108
Prerequisite:	ARCH 110.
Strongly Recommended:	DRAF 101.
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

An introduction to the processes of design through studio projects addressing the role of process in the development of form. The course focuses on drawing and model construction as a means to seeing and understanding. The course includes exploration of the design process and the formal and spatial language of architecture as well as use of case studies. This course provides students with a analysis of material applications and the fundamental knowledge of methods of construction. 54 lecture hours, 54 lab hours.

Course Objectives

- Identify parts of structures by common names
- Processes of design through studio projects addressing the role of process in the development of form.
- Drawing and model construction as a means to seeing and understanding.
- Design process and the formal and spatial language of architecture.
- Use of Case Studies.
- Use of model making software and CAD.

Major Course Content

Design process and the formal and spatial language of architecture.

Processes of design through studio projects addressing the role of drawing and model construction as a means to seeing and understanding.

1. Primary Elements
2. Form
3. Form & Space
4. Organization
5. Circulation
6. Proportion & Scale
7. Use of Case Studies

Lab Content

1. Drawing Tools and Materials
2. Processes of design through studio projects addressing the role of drawing and model construction as a means to seeing and understanding.
3. Architectural Design
4. Architectural Drawing Systems
5. Design process and the formal and spatial language of architecture.
6. Multiview Drawings
7. Perspective Drawings
8. Rendering Tonal Values
9. Rendering Context
10. Architectural Presentations
11. Freehand Drawing
12. Case Studies

Suggested Reading Other Than Required Textbook

Ching, Francis D.K, Architectural Graphics, JOHN WILEY & SONS, 2010, ISBN 9780470399118

Examples of Required Writing Assignments

Writing assignments outside of the regular class time: answer questions, write essays, research papers, lab reports, and journals.

Example: Write descriptions for presentation boards explaining the construction process.

Examples of Outside Assignments

Solve design problems.

Develop models.

Practice skills - Presentation boards and model making.

Story book portfolio layout. Study - Case studies, Building Codes and research for presentation boards. Observe critiques of portfolio presentations. Research requirements for a portfolio. Relate research to the portfolio. Composing portfolio.

Students will be required to complete the following types of assignments outside of the regular class time: draw, study, answer questions, practice skills, read required materials, solve problems, write essays, research papers, lab reports, and journals. Students will also observe activities related to course content, participate in activities related to course content.

Instruction Type(s)

Lab, Lecture, Online Education Lab, Online Education Lecture