

ARCH A110H: INTRODUCTION TO ARCHITECTURE HONORS

Item	Value
Curriculum Committee Approval Date	11/02/2022
Top Code	020100 - Architecture and Architectural Technology
Units	2 Total Units
Hours	36 Total Hours (Lecture Hours 36)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

Course Description

This introductory course explores the professional and academic aspects of architecture and related professions. Lectures will include licensing, educational choices, history, practice, design, theory, structures, and personal goal setting; guest speakers and an office visit will give students a firsthand chance to observe multiple sides of the profession. This course may be offered online. Transfer Credit: CSU; UC.

Course Level Student Learning Outcome(s)

1. Demonstrate knowledge of architectural and related professions and be able to evaluate and communicate ideas and opinions about design and building as evidenced in written and verbal reports to be assessed by the instructor.
2. Develop a personal strategy for reaching academic and professional goals as evidenced in career-related assignments to be assessed by the instructor.
3. Honors students will be able to write and verbally express a deeper understanding of how architecture is influenced by its physical urban context and how social forces generate the built environment. Students will use additional sources to support this understanding in a written and verbal report to be assessed by the instructor.

Course Objectives

1. 1. Demonstrate knowledge of basic ideas and vocabulary of architecture including history, practice, design theory and structures.
2. 2. Design and implement a career goal and strategy, including licensure and education.
3. 3. Identify and analyze a pertinent university and their transfer requirements.
4. 4. Identify skills necessary for entry-level internship in an environmental design profession
5. 5. Distinguish how differing professional philosophies and ideals offer a range of professional service and opportunity in environmental design
6. 6. Analyze the operation and culture of a professional organization by visiting a design office.
7. 7. Examine and analyze their physical surroundings through observation, study and experience of a good example of architecture in a case study project or service learning project.

8. 8. Recognize the importance of starting a portfolio and maintaining records of student work.
9. 9. Honors students will be able to analyze and recognize how urban and social/cultural context influence architecture and the building process.

Lecture Content

Introduction to Architecture History Practice through the ages Design theory Structural integrity cultural meanings Career Success in Architecture and Related Professions Finding your interests and setting goals Making a professional career plan Strategies for achieving goals and obtaining internships Architectural Education University Transfer Representative schools and selection criteria Admissions requirements Student placement Educational settings, characteristics Accreditation Employment Types of positions Typical office structure workflow Entry level skill requirements internships Specialty skills within the professions Resume, portfolio interviews Preparation for the A.R.E. and Intern Development Program Portfolio Preparation Purpose and objectives Content and arrangement Material to include Reproduction of original work Archiving recording school process projects Computer skills archiving digital files Architects Registration Examination and Licensing Purpose and objectives Organizations and Internet resources Eligibility requirements Content and pass/fail statistics California Comprehensive Intern Development Program (CIDP) California Supplemental examination National Certification Reciprocity Architects Professional Practice and the Architect/Client Contract Practice law Architects contract and liability Client Contractor relationship Pre-design through construction administration Consultants Guest Speakers: Representing architecture and related professions and education comprise 6 – 8 of the course sessions (based on scheduling and availability of guests lecturers). Typical lecture topics include: Description of personal education and professional backgrounds Discussion of professional design philosophies and methods of operation Presentation of their work and contemporary issues and challenges Commentary and insights on their perception and experiences in the profession Students are required to produce a summary of each presentation; which includes student reflection and reaction to the view provided by the speakers. Office Visit – Students go to an architecture or related office (arranged by instructor) and visit with representatives of the firm. The students have an informational interview form as a guideline. Typical experiences include exposure to: The physical environment of a professional office The social and professional structure and culture of a design office Completed work and work in progress Students produce a written report documenting their experience and insights. Case Study/Service Learning - Students are required to participate in a service learning experience relating to the architecture/construction field, or to select a non-residential building, visit it, research the building and write a case study report focusing on: Building access from off-street parking, entrance, and orientation Relationship of interior spaces and movement through the building Analysis of the building's appearance, context and design statement Analysis of the design philosophy and intention Students also present and discuss their case studies and service learning experience to help them become critical and conversant about architecture and the design process and community

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)

Instructional Techniques

Instructor lecture/discussions with images, guest speakers, field trips; and small group collaborative efforts on the case study analysis and presentation or service learning project.

Writing Assignments

Critical thinking skills will primarily be demonstrated through guest speaker summary reports (which include reflection and opinion), case study written and photo analysis, and office visit report. Additionally, some minor writing will occur in the form of graphical text on visual presentations and on career oriented assignments (such as a resume and business card). Honors students will be held to a higher standard of critical thinking in the case study/service learning project report and are expected to demonstrate skills in comparison, cause/effect, hypothesizing and/or critiquing.

Out-of-class Assignments

TBD

Demonstration of Critical Thinking

TBD

Required Writing, Problem Solving, Skills Demonstration

Instructor evaluation of the following: case study of a notable, local building, guest speaker summary reports, office visit/interview report, quizzes, and goal setting design exercises. Participation in small group presentation and discussion of building case study or service learning activity in Power Point format will also be credited.

Eligible Disciplines

Architecture: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Goldberger, Paul. Why Architecture Matters, Current ed. New Haven, CT: Yale University Press, 2011 Rationale: Book is still relevant for discussion on architecture.

Other Resources

1. California Architects Board (Licensing requirements): <http://www.cab.ca.gov> National Architectural Accreditation Board (National educational requirements for licensing and links to all accredited schools in the US.): <http://www.naab.org> National Council of Architectural Registration Board (Licensing Information for US): <http://www.ncarb.org>