

ARCH 443 PROFESSIONAL PRACTICE

4 Units, Required Lecture/Activity Course, Winter Quarter

DESCRIPTION:

A critical analysis of the roles and responsibilities of the architect in providing comprehensive services to the client from project acquisition and inception to project delivery and closeout and the process and requirements for internship development and attaining registration.
2 lectures, 2 activities.

Prerequisites: ARCH 342, ARCH 353.

LECTURE:**OBJECTIVES:**

The students will develop, improve, and demonstrate his/her knowledge and understanding of how Architecture firms are formed and organized, how Architecture firms and their Architects perform services in the behalf of their clients during phases of project design, delivery and construction, and how they pursue commissions for services, and their ethical and legal obligations to their consultants and to their clients.

The student completing this course will be aware of:

- The values and the ethical principles embedded in the professional practice of Architecture and the performance of professional services;
- The changing nature of the practice of Architecture;
- Principles of marketing and project management;
- The principles of project management and administration;
- The interacting participants involved in the building design and delivery process;
- Various professional organizations, regulatory bodies and governmental agencies and their involvement with the profession and the construction of the built environment.

The student completing this course will understand:

- The purpose of Architectural registration and reciprocity;
- Alternate forms of Architectural practice, and alternate areas of specialization in the building industry;
- The organizational options and development of an Architectural practice;
- The various project delivery systems and their impact of the practice of Architecture;
- Agreement options for contracts between Owner and Architect;
- The Architect's status with respect to the Owner and the Contractor and his/her legal and ethical responsibilities during the Construction Phase of the Work;
- The purpose and value of the Special, General and Supplementary Conditions of the Contract for Construction and their relationship to the Agreement between Owner and Contractor;
- The importance of and need for cooperative team efforts in the performance of professional services.

The student completing this course will be able to:

- Write a professional resume and related correspondence associated with seeking internship positions in the profession or related fields;
- Write a contract between Owner and Architect and between Architect and Consultants, for Architectural Services;
- Write an outline specification;
- Prepare a preliminary construction cost estimate;
- Work with team members in the creation of a case study;
- Gather the information necessary to create a case study using interviews with project participants and other research methods;
- Design, write and illustrate a case study report that describes and reflects on the life of an Architectural project based on a specified set of professional practice issues;
- Make an oral presentation of the case study

CONTENTS:

Lecture Schedule:

- WEEK 1: Lect # 1 - Introduction: "Architecture 2000"; The AIA Process - Handbook of Professional Practice (AHPP); The Architecture Profession;
- WEEK 2: Lect # 3 "Get a Job"; Career Paths - The First Job; Career choices and strategies;
- WEEK 3: Lect # 5 - Firm Formation and Organization - "Opening a Hypothetical Office" (cont.);
- WEEK 4: Lect # 7 - Office Financial Management "Money - You Can't Live Without It!";
- WEEK 5: Lect # 9 - Legal Issues;
- WEEK 6: Lect # 11 - Introduction "The Project"; Building and Project Types; Project Delivery Options;
- WEEK 7: Lect # 13 - The Design Phase; Schematic Design/Design Development Process; Cost Estimate/Management;
- WEEK 8: Lect # 15 - Contract Documents - "The Project Manual" (boilerplate);
- WEEK 9: Lect # 17- Bidding & Negotiations - "The Moment of Truth": Awarding Systems/Options; Bid Documents;
- WEEK 10: Lect # 19 - Project Construction Administration

The studio activity component of the course will focus on developing a case study that documents the life of a project in an Architectural office. Students will work in teams with a firm to gather the information that documents how lecture topics operated in the life of a project. The end product will be a case study report.

REQUIREMENTS & INSTRUCTIONS:

Texts: (Required) The American Institute of Architecture. The Architect's Handbook of Professional Practice (Recommended) Cuff, Dana. Architecture: The Story of Practice. MIT Press.

Assessment: The lecture component of the course will be evaluated based on a combination of tests and workbook exercises. The activity portion of the course will be evaluated based on a case study report produced by the students.

ACTIVITY:**OBJECTIVES:**