

**ARCH 70A Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: ARCH 70A Title: ARCHITECTURAL PROCESS  
 Full Title: Architectural Process  
 Last Reviewed: 3/25/2002

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.00	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.00	Lab Scheduled	0	8	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.00		Contact Total	17.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 52.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Overview of the architectural design process and the roles of participants (client, architect, technician, regulatory agencies, consultants, contractor) from project initiation to completion. May include visit to architectural firms.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Overview of the architectural design process and the roles of participants (client, architect, technician, regulatory agencies, consultants, contractor) from project initiation to completion. May include visit to architectural firm. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

**Outcomes and Objectives:**

1. Design a graphic presentation of the stages of the architectural design process.
2. Interpret an architectural project schedule from a bar and network diagram.
3. Differentiate among the roles and responsibilities of participants in each stage of the architectural process: client, architect, regulatory agencies, consultants, contractor.
4. Analyze the organization of the architect's contract with the client/owner.
5. Examine how architects obtain and record design information from clients.
6. Categorize requirements and outcomes of each stage of the process from initiation to completion.
7. Summarize the role and responsibilities of the architect.
8. Summarize the role and responsibilities of the architectural technician.
9. Describe the context and protocol for professional communications between architect and contractor.
10. Analyze the organization of an architectural practice/office.

**Topics and Scope:**

1. Introduction to the architectural design process
2. Explanation of the stages of the architectural design process
3. Roles and responsibilities of participants in the architectural design process:
  - a. client
  - b. architect
  - c. regulatory agencies

- d. consultants
- e. contractor
- 4. Review of bar graphs and simple network diagram principles
- 5. Interpretation of bar graphs and simple network diagrams related to architectural projects
- 6. Introduction to scheduling the architect's work in an architectural design process
- 7. The contract between architect and client/owner
- 8. Communication between architect and contractor
- 9. Case studies of architectural project organization - visiting architects or visits to architect's offices

**Assignment:**

- 1. Reading handouts.
- 2. Written assignments involving analysis and synthesis of course material.
- 3. Design graphic explaining architectural design process.
- 4. Analysis and interpretation of graphic scheduling information.
- 5. Research and preparation of case study report about architectural project organization.

**Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Reading reports, Term papers	Writing 30 - 50%
<b>Problem Solving:</b> Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.	Problem solving 10 - 20%
Homework problems, Quizzes, Exams	
<b>Skill Demonstrations:</b> All skill-based and physical demonstrations used for assessment purposes including skill performance exams.	Skill Demonstrations 10 - 20%
Class performances	
<b>Exams:</b> All forms of formal testing, other than skill performance exams.	Exams 20 - 30%
Multiple choice, True/false, Matching items, Completion	
<b>Other:</b> Includes any assessment tools that do not logically fit into the above categories.	Other Category 0 - 0%
None	

**Representative Textbooks and Materials:**

Architect's Handbook of Professional Practice, 13th Ed., Student Edition.

AIA 2002.