

Course Title: Architecture Design I

Course Prefix: ARCH

Course No.: 1253

Section No.: P02

Department of:

Architecture ☒
Construction Science ☐
Community Development ☐
Art ☐

School of Architecture

Instructor Name:

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Office Hours:

Mon Tues Wed Thurs 9:30 am – 12:30 pm

Virtual Office Hours:

Course Location:

Nathelyne Archie Kennedy Building, Room 322

Class Meeting Days & Times:

Mon + Wed 1 pm – 3:20 pm

Catalog Description:

“(1-4) Credit 3 semester hours. Introduction to basic design issues including form, space, ordering systems, human use, and the architect's responsibility to society. Students will investigate these issues critically in individual and collaborative projects, and communicate findings through visual, oral, and written presentations”

Prerequisites: none

Co-requisites: Arch 1233 – Visual Communications

Required Text:

Form, Space, and Order by Francis D. Ching

This book should be retained as part of your personal library for use in future courses.

Optional Text:

Recommended Text/Readings:

Archdaily.com, archinect.com, bustler.net

Access to Learning Resources

PVAMU Library:

Telephone: (936) 261-1500;

web: <http://www.tamu.edu/pvamu/library/>

University Bookstore:

Telephone: (936) 261-1990;

web: <https://www.bkstr.com/Home/10001-10734-1?demoKey=d>

Course Goals or Overview:

This course will serve as students' introduction to studio design in The School of Architecture. This environment challenges students to think critically about the built environment, while working in an open interactive space that encourages collaboration and embraces a diversity of solutions to a given problem. Students will focus on communicating ideas and designs in a clear effective manner. In addition to taking on abstract design concepts, students will also be asked to consider the architect's role in society and the responsibilities that come with it.

Course Outcomes/Objectives

At the end of this course, the student will

Core Objective

ARCH 1253

ARCHITECTURE DESIGN I

COURSE SYLLABUS

PRAIRIE VIEW A&M UNIVERSITY

SCHOOL OF ARCHITECTURE

1	Understand the elements of point, plane, and line and how these elements are used to define space.	
2	Critically investigate how systems can be used to organize elements in a composition.	Critical Thinking
3	Examine and question how visual compositions can be perceived differently.	Critical Thinking
4	Communicate ideas effectively through visual, written, and oral means	Communication
5	Produce an individual design that successfully responds and reacts to the designs of their classmates	Teamwork
6	Understand the need to design effective, usable spaces which provide for the health, safety, and welfare of users	Social Responsibility

Course Requirements & Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Investigations – short assignments where students will be asked to think critically about course concepts and experiment with ways that these concepts can be applied.

Projects – long term assignments where students are asked to apply critical thinking and concepts to a given problem. Some projects are handled individually, and others will require students to collaborate with others and work in small teams. While early projects will deal with architectural concepts in an abstract sense, the final project applies these concepts to a space intended for human use. In designing for human use, students will be required to incorporate basic building code requirements as a way to introduce the architect's social responsibility to create spaces that address the health, safety, and welfare of the general public.

Presentations – public reviews of projects juried by faculty and professionals where an emphasis is placed on communication of design intentions and discoveries through visual, oral, and written means.

Portfolio – a digital publication/documentation which communicates the student's work over the course of the semester through visual and written means where emphasis is placed on process as well as product.

Participation – engagement in class discussions where students will be asked to engage concepts critically and discuss their questions and responses with the rest of the studio.

Grading Matrix

	Instrument	Total
	Investigations	10
	Participation	10
	Portfolio	20
	Projects	60
	Total:	100
	Grade Determination: A = 90.0 – 100 B = 80 – 89.9 C = 70 – 79.9 D = 60 – 69.9 F = 59.9 or below	

Note: In order to advance to Architecture Design II, you must receive a grade of C or better in Architecture Design I

Course Procedures
Submission of Assignments:
Submission of Assignments: -Work is expected to be complete at the beginning of each class -Students are expected to be prepared to discuss the work during each class period -For project presentations: It is crucial to the success of the class that each student is prepared to present at the established deadline and attentive during the presentations of his/her classmates. Students who continue to work after a deadline or do not show up to their classmates' presentations will be penalized. This is to ensure fairness, and to create an interactive and engaging discussion. -At the completion of each project, students will be required to document their work digitally and upload it to a public file sharing site as part of the portfolio creation process.
Formatting Documents: For the majority of your projects, you will be given guidelines for the sizes and materials that should be used for both models and drawings. These guidelines should be followed unless the instructor has approved changes.
Presentation Policy Presentations should be made as scheduled. No makeup presentations will be allowed except under documented emergencies (See Student Handbook).

Addendum

Students enrolled in the course will receive an "Addendum" that will contain detailed information on the following topics:

- Accreditation/Assessment Criteria
- Instructor's Attendance and Participation Policy
- Personal Conduct
- Conduct of the Class and Care of the Facility
- Detailed Course Schedule
- Statement of Agreement

16 WEEK CALENDAR	
Week One	Project 1 – Additive Process
	Critical Investigations into composition and transformation
Week Two	Project 1 – Additive Process
	Transitioning from two drawing to model (2D to 3D)
Week Three	Project 1 - Presentation / Project 2 Intro
	Final Review for Project 1 + Critical investigations into subtractive process
Week Four	Project 2 – Subtractive Process
	Context, Coordination, and Collaboration
Week Five	Project 2 – Subtractive Process
	Design Development
Week Six	Project 2 – Subtractive Process
	Finalize design
Week Seven	Project 2 – Subtractive Process
	Representation + Communication
Week Eight	Project 2 – Subtractive Process
	Representation + Communication + Presentation
Mid-Term Exam	
Week Nine	Project 3 – Synthesis Project
	Critical investigations into human scale and proportion
Week Ten	Project 3 – Synthesis Project
	Humanism in design
Week Eleven	Project 3 – Synthesis Project
	Inhabitation – intro to the social responsibility of the architect
Week Twelve	Project 3 – Synthesis Project
	Design Development
Week Thirteen	Project 3 – Synthesis Project
	Finalize design
Week Fourteen	Project 3 – Synthesis Project
	Representation + Communication
Week Fifteen	Project 3 – Synthesis Project
	Representation + Communication + Presentation
Week Sixteen	
Final Exams	

University Rules and Procedures

Disability statement (See Student Handbook):

Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

Academic misconduct (See Student Handbook):

You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.

Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.
2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.
3. Fabrication: use of invented information or falsified research.
4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):

Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

Attendance Policy:

Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Student Academic Appeals Process

Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.

Technical Considerations for Online and Web-Assist Courses

Minimum Hardware and Software Requirements:

- Pentium with Windows XP or PowerMac with OS 9
- 56K modem or network access
- Internet provider with SLIP or PPP
- 8X or greater CD-ROM
- 64MB RAM
- Hard drive with 40MB available space

- 15" monitor, 800x600, color or 16 bit
- Sound card w/speakers
- Microphone and recording software
- Keyboard & mouse
- Netscape Communicator ver. 4.61 or Microsoft Internet Explorer ver. 5.0 /plug-ins
- Participants should have a basic proficiency of the following computer skills:
 - Sending and receiving email
 - A working knowledge of the Internet
 - Proficiency in Microsoft Word
 - Proficiency in the Acrobat PDF Reader
 - Basic knowledge of Windows or Mac O.S.

Etiquette: students are expected to participate in all discussions when directed to do so. Students are to be respectful and courteous to others in the discussions. Foul or abusive language will not be tolerated. When referring to information from books, websites or articles, please use APA standards to reference sources.

Technical Support: Students should call the Prairie View A&M University Helpdesk at 936-261-2525 for technical issues with accessing your online course. The helpdesk is available 24 hours a day/7 days a week. For other technical questions regarding your online course, call the Office of Distance Learning at 936-261-3290 or 936-261-3282

Communication Expectations and Standards:

All emails or discussion postings will receive a response from the instructor within 48 hours.

You can send email anytime that is convenient to you, but I check my email messages continuously during the day throughout the work-week (Monday through Friday). I will respond to email messages during the work-week by the close of business (5:00 pm) on the day following my receipt of them. Emails that I receive on Friday will be responded to by the close of business on the following Monday.

Submission of Assignments:

Assignments, Papers, Exercises, and Projects will distributed and submitted through your online course. Directions for accessing your online course will be provided. Additional assistance can be obtained from the Office of Distance Learning.