SYLLABUS

Course Title:	**Architecture Design I**				
Course Prefix:	**ARCH**	**Course No.:**	**1233**	**Section No.:**	**P02+P82**

"I prefer drawing to talking. Drawing is faster and leaves less room for lies."
-LeCorbusier

School of Architecture	Department: Architecture
Course Location:	Nathelyne Archie Kennedy Building, Room 319
Class Meeting Days & Times:	Monday + Tuesday + Wednesday + Thursday 8:00 am to 11:50 am
Catalog Description:	(1-4) Credit 3 semester hours. "Multimedia techniques in graphics emphasizing orthographic projections, perspective, shade and shadow, and free hand drawing."
Prerequisites:	n/a
Co-requisites:	ARCH 1233
Mode of Instruction:	Face-to-face
Instructor:	Ross Wienert Assistant Professor of Practice Assistant Director - CURES
Office Location:	School of Architecture, Prairie View A&M University, Room 249
Office Telephone:	(936) 261-9834
Fax:	(936) 261-9826
Email Address:	rgwienert@pvamu.edu
U.S. Postal Service Address:	Prairie View A&M University P.O. Box 519 Mail Stop 2100 Prairie View, TX 77446
Office Hours:	Monday + Tuesday + Wednesday + Thursday 5:00 pm to 6:30 pm
Virtual Office Hours:	
Required Text:	Design Drawing by Francis D. Ching
Optional Text:	n/a
Recommended Text/Readings:	archdaily.com dezeen.com archinect.com
Learning Resources	**PVAMU Library**: Telephone: (936) 261-1500; web: http://www.tamu.edu/pvamu/library/ Use the Reference Desk at the library where the staff is eager to guide your research. They can orient you to hard copies and on-line resources.
	University Bookstore: Telephone: (936) 261-1990 web: https://www.bkstr.com/Home/10001-10734-1?demoKey=d

	The Writing Center Telephone: (936) 261-3700 The Writing Center's goal is to provide a friendly, stress-free environment for students from all over campus to meet with a consultant and talk about writing of all types. They provide a responsive audience and advice from experienced writers in sessions generally lasting thirty to forty-five minutes. Sessions of this length offer time to work individually with students on any aspect of the writing process: from brain storming and drafting, to revising and proofreading. They will explore ways to improve a student's overall writing skills. They do NOT proofread or edit for students, but instead teach proofreading and editing techniques. Their goal is to: make a better writer for the long term.
	Student Academic Success Center Telephone: (936) 261-1040 Student Academic Success Center identifies academic and social roadblocks that interfere with persistence and timely graduation of PVAMU students. SASC informs campus-wide policies by staying current with retention literature and best practices. Further, SASC develops programs and services that are specifically aimed at continuing the academic success of the first year. We strive to provide PVAMU students with ***"Navigation to Graduation"***.
	The Tutoring Center John B. Coleman Library in Room 209 Telephone: (936) 261-1561 Hours: Monday through Thursday 12 pm to 9 pm and Friday from 8 am to 5 pm. Email: AEtutoring@pvamu.edu Open to **all** undergraduate students enrolled for credit in targeted PVAMU courses. offers help for: ▪ Microeconomics, Macroeconomics ▪ Management Information Systems ▪ History, Government ▪ Statistics, Basics – Calculus II ▪ Psychology, Sociology ▪ English (Basics – Freshman Comp II), Speech ▪ Spanish I&II ▪ Biology (Pre-Med, Pre-Nursing) ▪ Chemistry (Bio & Nursing Majors) ▪ Physics ▪ Materials & Science
Course Goals and Overview:	
	Students will learn to visually communicate design ideas and intentions through a variety of techniques, including both manual and digital methods of representation.

Course Outcomes/Learning Objectives		
At the end of this course, the students will:		
1233.1	Understand the language of two dimensional architectural drawings	
1233.2	Be able to produce drawings which clearly and accurately communicate their intentions	
1233.3	Understand how to represent light qualities and textures through basic rendering techniques	
1233.4	Understand the basics of color and be able to make color choices in a critical manner	
1233.5	Be able to produce well crafted presentation materials that communicate ideas clearly	

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 + Participation – short in-class assignments where students will be asked to think critically about course concepts and experiment with ways that these concepts can be applied. Students are expected to be engaged and active in class discussions where they will be asked to discuss their questions and responses with the rest of the studio.

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, as well as design spaces that are appropriate for the functions that take place there.

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 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.

Craft – in an architectural design studio, there is an expectation for a certain level of craft to be met. To produce work that meets this level of quality requires that students work with a sense of care on the drawings models, and other artifacts they produce in studio. In order to meet this expectation, students must invest time outside of normal class hours in order to complete the work. .

Grading Matrix

Instrument	**Total**
Investigations + Participation	**10**
Portfolio	**10**
Projects + Presentations	**80**
Total:	**100**

Grade Determination:	A = 90 - 100 points B = 80 - 89 points C = 70 - 79 points (students must receive a "C" or higher to advance to ARCH 1266) D = 60 - 69 points F = 59 points or below

Course Procedures

Taskstream	Taskstream is a tool that Prairie View A&M University uses for assessment purposes. One of your assignments may be considered an "artifact," an item of coursework that serves as evidence that course objectives are met. More information will be provided during the semester, but for general information, you can visit Taskstream via the link in eCourses.
University 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 assignment of a grade of "F." Absences are accumulated beginning with the first day of class.
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. -While the majority of the work produced in class will be produced by hand, it is crucial and mandatory that the work be documented digitally throughout the semester. Two-dimensional work should be scanned upon completion. Three-dimensional work should be photographed with appropriate lighting and background. All digital work should be uploaded to Dropbox.com. Select digital work will be uploaded to Archinect.com
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).
University	Prairie View A&M University requires regular class attendance. Excessive absences will

Attendance Policy:	result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or assignment of a grade of "F." Absences are accumulated beginning with the first day of class.
Instructor's Attendance and Participation Policy	Attendance will be recorded digitally at the beginning of each class. If you are not at your desk when class starts you will be subject to being marked absent. If you are late to class, it is your responsibility to submit notification via email to your professor stating the date you were late, why you were late, what time you arrived in class. Each unexcused absence results in the reduction of your final grade by 3 total points. Each day you are late counts as ½ of an unexcused absence. Students should refer to the student handbook to understand what qualifies as an excused absence. In all cases, it is in your best interest to notify your professor ahead of time as soon as you know you will be unable to attend class or late to class.
Personal Conduct	Studio time should be used exclusively for the development and exploration of ideas. Any activity that does not contribute to your design project is strictly prohibited. This includes texting, social media, bringing meals to class, etc. Students and faculty are expected to conduct themselves in ways that support individual learning and the learning of others. To that end members of the classroom community will conduct themselves in a professional and ethical manner to achieve these objectives. Any conduct construed to interfere with the learning opportunities of members of the class may result in the removal of the student from the class for that day. Repeated inappropriate conduct will result in permanent removal from the class. Based upon the fact that you are preparing for professional employment, you are expected to adhere to the following specific guidelines: 1. During regular class periods all students are expected to dress appropriately in accordance with university regulations so that no disruptions in the learning experience will occur. 2. No hats or caps will be allowed to be worn in the classroom during class sessions. If you elect to wear a hat or cap during the lectures or class discussion, your decision will be respected. 3. Dress Code for Presentations: Professional dress is expected for all design and technical presentations in class. 4. No food or drink is allowed in the classroom at any time. 5. Cellular telephones are to be turned off or put on silent ring tone during the class period. Texting is strictly prohibited during the class period. Headphones will be allowed on days where class time is given to complete work. At all other times, they should not be worn. The studio is a collaborative environment where impromptu discussions provide for excellent learning opportunities. Students who are wearing headphones often miss out on such opportunities. 6. Laptops/Tablets must emit no noise. Make sure your laptop is warmed up and your battery charged before class starts. A laptop is allowed only for taking notes or accessing relevant course material during the class. Checking email, playing a game, messaging, playing music out loud, and other non-class related activities are not allowed at any time. 7. Harassment of your fellow students of any kind will not be tolerated. 8. No children, friends, family members or guests are allowed in the class without prior approval. Failure to adhere to this rule will result in a "0" for that class period.
Conduct of the Class and Care of the Facility	Please note the following rules for the conduct of the class. 1. Class will begin at the appointed time. 2. Class is dismissed when so indicated by the instructor. Students are expected to be on time and stay throughout the entire class period. Leaving the classroom before the class is dismissed without prior approval from the instructor will result in a loss of participation for that class. 3. All class members are required to keep the classroom in a clean and orderly manner

	to facilitate the number of students using it each day. Failure to maintain the classroom as requested by the instructor will result in a deduction in participation points for all class members for that date of instruction.
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. Students should also inform the instructor of their need for accommodations immediately at the outset of the course so that a solution designed to being successful in class can be produced.
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.
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 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, usually within 48 hours. Urgent emails should be marked as such. Check regularly for responses. You can send email anytime that is convenient to you, but the instructors will check their email messages continuously during the day throughout the work-week (Monday through Friday) during normal office hours. Instructors should respond to email messages during the work-week by the close of business (5:00 pm) on the day following **their receipt** of them. Emails received on Friday will be responded to by the close of business on the following Monday.

ACCREDITATION/ASSESSMENT CRITERIA Table No. 1-NAAB CRITERIA
This course is structured to assist the student meet the following criteria shown in **Table No. 1** as established by the National

Architectural Accreditation Board (NAAB). To view the entire list, go to the NAAB website, www.naab.org and access "2014 NAAB Conditions for Accreditation."

Performance Criteria	Ability ☑	Understanding ☑	Course Learning Outcomes Competencies (T, R, I)		
			T Taught	R Reinforced	I Utilized/ Integrated
REALM A: Critical Thinking and Representation					
A.1. Professional Communication Skills (Ability)	☑		T		
A.2. Design Thinking Skills (Ability)					
A.3. Investigative Skills (Ability)					
A.4. Architectural Design Skills (Ability)					
A.5. Ordering Systems (Ability)					
A.6. Use of Precedents (Ability)					
A.7. History and Global Culture (Understanding)					
A.8. Cultural Diversity and Social Equity (Understanding)					
REALM B: Building Practices, Technical Skills, and Knowledge					
B.1. Pre-Design (Ability)					
B.2. Site Design (Ability)					
B.3. Codes and Regulations (Ability)					
B.4. Technical Documentation (Ability)					
B.5. Structural Systems (Ability)					
B.6. Environmental Systems (Ability)					
B.7. Building Envelope Systems and Assemblies (Understanding)					
B.8. Building Materials and Assemblies (Understanding)					
B.9. Building Service Systems (Understanding)					
B.10. Financial Considerations (Understanding)					
REALM C: Integrated Architectural Solutions					
C.1. Research (Understanding)					
C.2. Integrated Evaluations and Decision-Making Design Process (Ability)					
C.3. Integrative Design (Ability)					
REALM D: Professional Practice					
D.1. Stakeholder Roles in Architecture (Understanding)					
D.2. Project Management (Understanding)					
D.3. Business Practices (Understanding)					
D.4. Legal Responsibilities (Understanding)					
D.5. Professional Conduct (Understanding)					

ACCREDITATION/ASSESSMENT CRITERIA TABLE 2: ACCE CRITERIA

This course is structured to assist the student meet the following criteria shown in **Table No. 1** as established by the American Council for Construction Education (*ACCE) Standards and Criteria for Accreditation*. To view the entire list, go to the ACCE website, www.acce-hq.org and view the "Accreditation Procedures."

Course Learning Outcomes:	**Competencies (T, R, I)**		
	T Taught	**R** Reinforced	**I** Utilized/ Integrated
1. **General Education (Communications, social sciences and humanities):** The ability to communicate both orally and in writing, and have an understanding of human behavior.	**T**		
2. **Math and Science (Mathematics and Physical Science):** The ability to apply the principles of mathematics, statistics and computer science. The understanding of the behavior of materials, equipment and methods used in construction combined with knowledge of physics, chemistry, geology and environmental sciences.			
3. **Business and Management:** The knowledge to effectively manage the principle resources of the industry: people and money. Understanding the fundamentals of the free-enterprise system to include accounting, finance, business regulations, contract law, labor law, and marketing.			
4. **Construction Science:** An understanding of the contribution of the design process. The ability to communicate with the design professionals and participation in the planning phase of design-build projects. The ability to solve practical communication problems.			
5. **Construction:** Involvement and understanding of both office and field activities to include effective management of personnel, materials, equipment, costs and time. The understanding of the contractor's role as a member of a multi-disciplinary team, the assessment of project risk and alternative construction methods (Traditional Design-Bid-Build, Construction Manager and Design-Build).			
6. **Other:**			

COURSE OUTLINE: EVENT AND LECTURE SCHEDULE			
This schedule is subject to change as the semester proceeds in order to cover the most important material in the time allotted. Any revisions will be duly noted and announced in class. All referenced readings are taken from the required text.			
	**Registration/Assembly Dates**		**Dates exam scores will be posted**
	**Key Dates**		**Holidays**
	**Graduation Applications**		**Guest lectures**
	**Dates for Exams**		**Project Team Workshop**

SUMMER 2018-1st 5 WEEK SESSION CALENDAR

WEEK ONE		
Monday	June 4, 2018	**Free Hand Line Drawing**
Tuesday	June 5, 2018	**Constructed Line Drawing**
Wednesday	June 6, 2018	**Project One: Photographic Reconstruction**
Thursday	June 7, 2018	**Project One: Photographic Reconstruction**
WEEK TWO		
Monday	June 11, 2018	**Project One: Photographic Reconstruction**
Tuesday	June 12, 2018	**Project Two: Orthographic Projections**
Wednesday	June 13, 2018	**Project Two: Orthographic Projections**
Thursday	June 14, 2018	**Project Two: Orthographic Projections**
WEEK THREE		
Monday	June 18, 2018	**Project Three: Diagramming**
Tuesday	June 19, 2018	**Project Three: Diagramming**
Wednesday	June 20, 2018	**Project Three: Diagramming**
Thursday	June 21, 2018	**Project Three: Diagramming**
WEEK FOUR		
Monday	June 25, 2018	**Project Two: Hybrid Drawings**
Tuesday	June 26, 2018	**Project Two: Hybrid Drawings**
Wednesday	June 27, 2018	**Project Two: Hybrid Drawings**
Thursday	June 28, 2018	**Project Two: Hybrid Drawings**

WEEK FIVE		
Monday	July 2, 2018	**Production Day**
Tuesday	July 3, 2018	**FINAL REVIEW**
Wednesday	July 4, 2018	**INDEPENDENCE DAY (UNIVERSITY CLOSED)**

In order to assure that you have read over this entire document you are required to sign the Statement of Agreement on the final page of the syllabus and return it at the start of second class period. This will be our contract that you have read over the entire syllabus and that you understand what is expected of you in this class.

STATEMENT OF AGREEMENT

I have read the Course Syllabus for **ARCH 1253** for the Summer Term 2018, including the Class Lecture and Event Schedule, and agree to abide by the conditions for the class as spelled out in this document. My signature indicates my personal commitment to meeting the course objectives and succeeding in this educational endeavor.

_____

Signature-Student

_____ _____ _____

Student name (Please print neatly) Student ID # Date

_____

Signature-Instructor

_____ _____

Instructors name Date

RETURN THIS PAGE FROM THE SYLLABUS TO THE INSTRUCTOR TO COMPLETE YOUR ENROLLMENT IN THIS COURSE.

🗁 **RECEIVED WITH STUDENT'S SIGNATURE: _____**

☑ **ENTERED INTO GRADE BOOK**: _____