PRAIRIE VIEW A&M UNIVERSITY

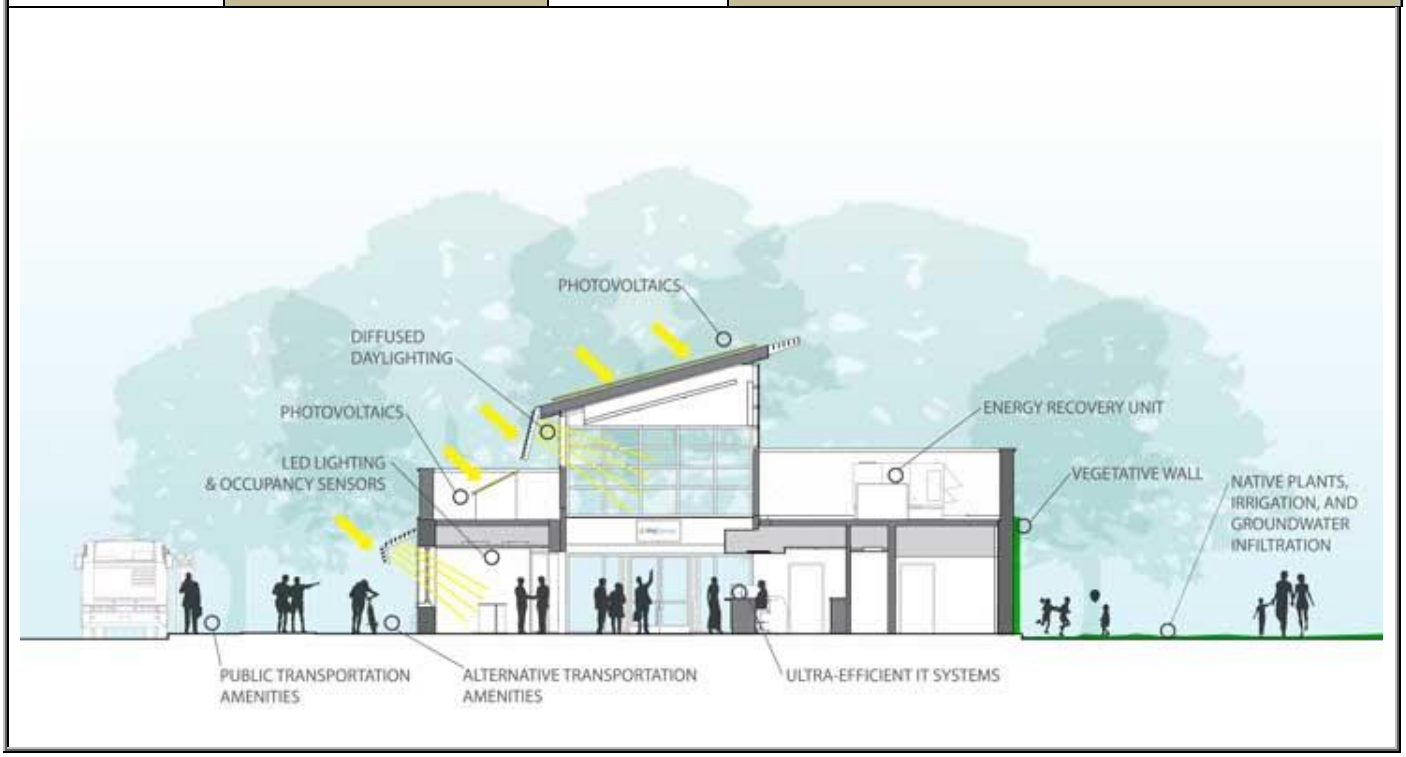
A Member of the Texas A&M University System

PRAIRIE VIEW A&M UNIVERSITY

SYLLABUS

Akhtar/Batson

Course Title:	**Architecture Design IV Spring 2019**		
Course Prefix:	**ARCH 2266**	**CRN No.:**	**TBA**



Course Title: Architecture Design IV	
Instructor Name:	Sheba Akhtar/ William J. Batson Jr., March, Director CURES
Office Location:	Nathelyne Archie Kennedy Building; Rm. 250
Office Phone:	(936) 261-9837
Fax:	(936) 261-9828
Email Address:	**wjbatson@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:	Mondays, Tuesdays, Wednesdays, Thursdays; 1:00PM to 3:30PM and Mondays and Wednesdays; 11:00AM to 12:00PM
Virtual Office Hours:	Mondays, Tuesdays, Wednesdays, Thursdays (9:00 a.m. to 5:00 p.m.)
Course Location:	Nathelyne Archie Kennedy Building
Class Meeting Days & Times:	Mondays, Tuesdays, Wednesdays & Thursdays (1:00PM - 3:20PM)
Catalog Description:	"(2-8) Credit 6 semester hours. Problem solving and presentation of basic principles,

	concepts and ideas as applied to simple architectural problems."
Prerequisites:	**Visual Communications, Computer Aided Design and ARCH 2256 (with min. grade of "C")**
Co-requisites:	None
Mode of Instruction:	Face-to-Face
Required Text:	**Francis D.K. Ching & Cassandra Adams: "Building Construction Illustrated"** **Francis D.K. Ching: "Form, Space and Order"** **12 " Trace Paper (**Canary White or Yellow) **1 min. 2" Binder** with 15 labeled tabs
Optional Text:	Francis D.K. Ching: "Design Drawing Francis D.K. Ching: "Architectural Graphics" The Architect's Studio Companion, 4th edition
Recommended Readings i	Archdaily.com GreatBuildings.com Architectural Record Texas Architect Magazine
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:

The goal of this course is to introduce students to advanced ordering systems, problem solving and presentation of basic principles, concepts and ideas as applied to simple architectural problems.

Course Outcomes/Objectives

At the end of this course, the student will

1	Be able to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes against relevant criteria and standards. (**NAAB Criteria A.2, 2018**)
2	Be able to effectively use basic formal, organizational and environmental principles and the capacity of each to inform two and three-dimensional design. (**NAAB Criteria A.4**, **2018**)
3	Be able to use appropriate representational media, graphics and digital technology
4	Develop the ability to research, organize and produce a design that translates into a cohesive design

Course Requirements & Evaluation Methods

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

Projects: Long term investigation and presentations with multiple intermediate phases with specific deadlines. These will result in a finalized thorough and complex solution.
Notebook: Minimum 2 inch binder with 15 **labeled** tabs- insert five (5) entries per week on selected topics or assigned drawings that are in ADDITION to class notes or instructor handouts..
Professionalism: (ABCD + 3P)
Attitude, Behavior, Conduct, and Daily attendance, Punctuality, Participation and Productive work in class.

Grading Matrix

Instrument	Value (Percentage)	Total %
Project 1 –	15%	15%
Project 2 –	20%	20%
Project 3 -	25%	25 %
MQ Model 1	10%	10%
MQ Model 2	15%	15%
MQ Final Model 3	20%	20%
SEMESTER WEEKLY ASIGNMENTS	50% (10 @ 5% ea.)	50 %
SEMESTER NOTEBOOK	15% (collected at random 3 at 5% ea.)	15 %
CLASS ATTENDANCE	20%	15 %
Portfolio, Resume, Cover, Sol. & Thank you letters	05% (2.5% portfolio & 2.5% Resume)	10%
Final CD & Portfolio Record Submission	05%	05 %

	Total:		**200 %**

Grade Determination:

A = 100 % - 90 % Work that is **on time, complete, and exceptional in specified quality and craft**
B = 89.99 % - 80 % Work that is **on time, complete, above average in specified quality and craft**
C = 79.99 % - 70 % Work the is **on time, complete and average in specified quality in craft**
D = 69.99 % - 60 % Work that is **late incomplete and or below average in specified quality and craft**
F = 59.99 % - 0% Work that is **late , incomplete and fails in specified quality and craft**

NOTE: all late work shall receive a 10%/100% or one letter grade deduction in overall project grade.

Course Procedures

Projects: Long term investigations and presentations with multiple intermediate phases with specific deadlines. These submissions will result in a final complex professional project.

Submission of Assignments: All projects (drawings and models) are due at the beginning of the class period on the assigned date. Therefore if for any reason you will be late or perceive or anticipate that you will be late, you are required to **email** your entire assignment on or before the class time for full credit. No late work will be accepted without proper, valid and signed documentation. There is a 10% grade drop for any work that is accepted late with valid excuse. Students are expected to dress in business professional attire on review dates.

Formatting Documents: Microsoft Word is the standard word processing tool used at PVAMU. If you're using other word processors, be sure to use the "save as" tool and save the document in either the Microsoft Word, Rich-Text, or plain text format. SAVE ALL WORK IN A MINIMUM OF 3 PLACES AND (ONE SHOULD BE AN EMAIL).

Exam Policy: Exam and or Quizzes shall be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook).

I. ACCREDITATION/ASSESSMENT 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 "2018 NAAB Conditions for Accreditation."

Table No. 1-NAAB CRITERIA

Performance Criteria	Ability ☑	Understanding ☑	Course Learning Outcomes Competencies (T, R, I)		
			T Taught	R Reinforced	I Utilized/ Integrated
A.1.Communications Skills (Ability)					
A.2. Design Thinking Skills (Ability)	☑		T		
A.3. Visual Communication Skills (Ability)					
A.4 Technical Documentation (Ability)	☑		T		
A.5 Investigative Skills (Ability)					
A.6 Fundamental Design Skills (Ability)					
A.7 Use of Precedents (Ability)					
A.8. Ordering Systems Skills (Understanding)					
A.9 Historical Traditions and Global Culture (Understanding)					
A.10 Cultural Diversity (Understanding)					

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:** when 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, obtaining or distributing any part of a 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 2018 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 2018 Student Handbook):

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

Attendance Policy:

Attendance begins and is accumulated from the first day of class. Prairie View A&M University requires regular class attendance. All absences will result in lowered grades.

Excessive Absenteeism: When absenteeism is recorded as being greater than 20% or more than twelve 12 abscesses whether excused or unexcused or legitimately documented, will result in a student's failure and the grade of "F".

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.

NOTE: Students must present their appeal **first in writing** to the instructor and state specifically what **grade** or assignment is in question or state the specific reason for the appeal.

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
-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
·Basic knowledge of AutoCAD

Classroom Etiquette Students are expected to participate in class 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 and may result in loss of Professional Behavior points (10).

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.

Communication Expectations and Standards:
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, Exercises, and Projects will be distributed and submitted during class and occasionally through email. All assignments are due at the start of the class session. No late work will be accepted without proper signed documentation. For full credit all work must be emailed (**wjbatson@pvmu.edu**) to the instructor on or before the due date.

Digital Documentation:
Students will be required to upload digital samples of their work to a server. This folder will be accessible by both the student and the professor. The uploaded files will include photographs and scans of physical work as well as digital drawings and models. **NOTE:** Save work in three (3) places including email.

Museum Quality and Craft:
It is expected that an appropriate level of care and craft shall be employed on all projects. Final work, shall should a high level of precision and attention to detail and clean lines and accuracy.

RUBRIC for Model Construction
A – 90 to 100; Exceptional work without question or mistakes. Adherence to all required format, no glue stains and sanded edges and …..?
B – 80 to 89.99; Above average work with accuracy of material, sizes and design. No glue stains and sanded edges
C – 70 to 79.99; Average work with some (2) inaccuracies in material, sizes & design. Visible glue stains or unsanded edges
D – 60 to 69.99; Below average work with many inaccuracies of material, sizes & design. Visible glue stains and un-sanded edges
F – 0. to 59.99; FAILURE

Week	Date	SEMESTER CALENDER Spring 2019*
Week 1	January 14	Class Introduction & Course Syllabus Review and Project Introduction Introduction-Project 1: Site Selection, 100 words & Genus Loci 100 words
Week 2	1/21	Project 1 Due Didactic 6 X 6's - Net Zero (5) and DESGN Idea(5)
Week 3	1/28	Project 1 Due introduce Project 2 Brainstorming, Bubble Diagrams and Big ideas Preliminary Site Plan with title analytical drawings (15) et al
Week 4	February 4 February 7	Introduce Project 3 Preliminary Floor Plan with labels format Due Monday Feb 4 Schematic Esquisse Design Model 1 Due Thursday Feb. 7
Week 5	2/11 Free weekend	Floor Plans, egress and Fenestration on one Elevation Due 100-word IDEA CONCEPT 100-word DESIGN IDEA explanation Architectural Precedents (5), Net Zero Concepts (10),
Week 6	2/18	One Longitudinal or Transvers Section Due through Elevator and Stair L and T Sections Due with ten (10) min. Net Zero concepts defined
Week 7	2/25	Preliminary Elevations (1) Preliminary Elevations (4)
Week 8	March 04	Site Model Due with Building Model Site Plan Due with Roof Plan, Parking Turning Radii et al.
	3/11 to 3/16	Have a Happy Healthy safe Spring Break!
Week 09	3/18 3/21	Detail Sections Detail Section Drawing with 25 labels DUE
Week 10	3/25 3/28	Preliminary Elevations (1) Façade Design Study Model 2 Due
Week 11	April 01	Final Elevations Due (4) Façade Design Study
Week 12	4/08	Schematic Design Model 3 Due Begin 3D renderings (2) I interior and one exterior
Week 13	4/18 Free weekend	Due: 2 interior and 2 exterior renderings with minimal entourage Final 3D drawings due
Week 14	4/22 4/26	Print all drawings/correct all mark ups ALL DRAWINGS DUE for semester grade
Week 15	4/29 4/30	Semester Review and Studio Cleanup!! Final Compaction of Semester, last day of class
Week 16	5/6 5/9	Project 2 - Final Design, Drawings, Professional Model DUE and Professional Presentation Tuesday, May 7th 2019, 1:00PM Portfolio, CI, S, TY, Resume and semester CD of record Due

*Changes in the syllabus may occur during the semester. Any changes made to the current syllabus during such time shall be made approvingly in the student's favor.

STATEMENT OF AGREEMENT

I have read the Course Syllabus for **DESIGN IV - ARCH 2266** for the Spring Semester 2019, including the Class Lecture and Event Schedule, and agree to abide by the conditions for the class as spelled out in this syllabus. My signature indicates my personal commitment agreeing to meet all course objectives.

_____
Signature-Student

_____ _____ _____
Student name (Please print neatly) Student ID # Date

_____
Signature-Instructor

_____ _____
Instructors name Date

PLEASE READ AND DETACH THIS PAGE FROM THE SYLLABUS AND RETURN "THE HARD COPY" TO THE INSTRUCTOR BY SEPTEMBER 6th (Thursday) TO COMPLETE YOUR ENROLLMENT IN THIS COURSE.

Introduction:

1. **Why are you here?**
   _____
   _____
   _____
2. **What is your first experience with Architecture?**
   _____
   _____
   _____
   _____
3. **Where do you see yourself in 5 years?**
   _____
   _____
   _____
4. **What is Architecture to you? What does it mean to you.**
   _____
   _____
   _____
5. **List your 5 favorite Architects and why?**
   1._____
   2._____
   3._____
   4._____
   5._____