

 PRAIRIE VIEW A&M UNIVERSITY		SYLLABUS AKHTAR/KHABN/BATSON	
Course Title:	Architecture Design III		FALL 2019
Course Prefix:	ARCH	Course No.:	2256



Course Title: Architecture Design III	
Instructors Name:	William J. Batson (Rm. 250)
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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 and ARCH 1266 (with a grade of “C” or higher)
Co-requisites:	None
Mode of Instruction:	Face-to-Face

Required Text:	Francis D.K. Ching & Cassandra Adams: "Building Construction Illustrated" 12 " Trace Paper (Canary White or Yellow) 1 min. 2" Binder with 15 labeled tabs
Optional Text:	Francis D.K. Ching: "Design Drawing The Architect's Studio Companion, 4 th edition
Recommended Readings	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 employ ordering systems to help give shape and structure to design (NAAB Criteria A.5, 2019)
2	Be able to convey essential form and functional elements verbally and graphically
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
5	Be able to gather, assess, record, apply and comparatively evaluate relevant information within architectural coursework and design processes.

Course Requirements & Evaluation Methods

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

Weekly Assignments:

Plotted 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.

Professionalism: (ABCD + 3P)

Attitude, Behavior, Conduct, and Daily attendance, Punctuality, Participation and Productive work in class.

Grading Matrix

Instrument	Value (Percentage)	Total (Percentage)
CLASS ATTENDANCE	15%	15 %
Project 1	Origami and Haiku	10%
Project 2	NETZero+ 6 X 6"s	15%
Study model	Five materials	10%
Site Model 1	With contours pond & bridge	15%
Building Model 1	Five materials & Five sizes	10%
Tokonoma Scroll	3 pc / Minimum 30"	15%
MQ Final Model 3 and Site Model	20%	20%
SEMESTER WEEKLY ASIGNMENTS	40% (8 @ 5% ea.)	40 %
SEMESTER NOTEBOOK	3 at 5% % (collected at random)	15 %
MQ Final Project 3 (Drawings)	Dress Professional	30%
Final Record & Portfolio CL, SL, TY	Hardcover portfolio and digital dwgs.	05 %
Total:		200 %

	<p>Grade Determination:</p> <p>A = 100 % - 90 % Work that is on time, complete, and exceptional in specified quality and craft</p> <p>B = 89.99 % - 80 % Work that is on time, complete, above average in specified quality and craft</p> <p>C = 79.99 % - 70 % Work the is on time, complete and average in specified quality in craft</p> <p>D = 69.99 % - 60 % Work that is late, incomplete and or below average in specified quality and craft</p> <p>F = 59.99 % - 0% Work that is late, incomplete and fails in specified quality and craft</p>
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Grading Rubric for Projects: Completion-50%, Innovation-20%, Accuracy-20%, Craft-10%

Course Procedures

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 50% 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.

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

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)		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	T Taught	R Reinforced	I Utilized/ Integrated
REALM A: Critical Thinking and Representation					
A.1. Professional Communication Skills (Ability)		<input checked="" type="checkbox"/>		R	
A.2. Design Thinking Skills (Ability)		<input checked="" type="checkbox"/>		R	
A.3. Investigative Skills (Ability)		<input checked="" type="checkbox"/>		R	
A.4. Architectural Design Skills (Ability)		<input checked="" type="checkbox"/>		R	
A.5. Ordering Systems (Ability)	<input checked="" type="checkbox"/>		T		
A.6. Use of Precedents (Ability)		<input checked="" type="checkbox"/>		R	
A.7. History and Global Culture (Understanding)					
A.8. Cultural Diversity and Social Equity (Understanding)		<input checked="" type="checkbox"/>		R	
REALM B: Building Practices, Technical Skills, and Knowledge					
B.1. Pre-Design (Ability)					
B.2. Site Design (Ability)					I
B.3. Codes and Regulations (Ability)					
B.4. Technical Documentation (Ability)					
B.5. Structural Systems (Ability)					I
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)					
C.1. Research (Understanding)					

ARCH 2256 DESIGN III SCHEDULE

BATSON

Week One				
Note	26-Aug	27-Aug	28-Aug	29-Aug
	<p><i>Introductions & Syllabus</i></p> <p>Introduce</p> <p>ORIGAMI PROJECT 1</p> <p><i>Define & Describe</i></p> <p><i>12 Japanese Concepts</i></p> <p><i>Min. 25 words each and</i></p> <p><i>1 graphic with</i></p> <p><i>some use of color</i></p>	<p>Work in Class</p>	WORK IN CLASS	<p>Project 1 DUE</p> <p><i>24 X 36 print out</i></p> <p><i>With proper title block</i></p> <p><i>Graphic Layout of</i></p> <p><i>12 Japanese Concepts</i></p> <p><i>Defined with origami</i></p> <p><i>Effort Quality and</i></p> <p><i>Completion</i></p> <p>*RULES OF PRESENTATION</p>
	<p>Introduce Project 1:</p> <p>Japanese Concepts(12)</p>	<p>Create graphic representation of all definitions in 2D</p> <p>For Origami it must a 3D representation is required.</p>		<p>Introduce Assignments</p> <p>KŌAN and Haiku</p>
Week Two				
Note	2-Sep	3-Sep	4-Sep	5-Sep
	<p>HOLIDAY</p> <p>Free Weekend</p>	<p>Due</p> <p>KŌAN and Haiku</p> <p><i>Assignments</i></p> <p><i>NOTE: A Kōan is not a poem</i></p> <p>Introduce Project 2:</p> <p>NETZERO +</p>	Work in class	<p>DUE</p> <p>NET ZERO+</p> <p>Assignments</p> <p>(3 DUE)</p> <p>Presentations</p>
	<p>Carpe Diem!</p>			
Week Three				
Note	9-Sep	10-Sep	11-Sep	12-Sep
	<p>Introduce PROJECT 3</p> <p>Texas/Japanese Tea House and Tokonoma Design</p> <p>*RULES OF PRESENTATION</p>	<p>5 Japanese Tea House PRECEDENTS (5)</p>	<p>Tea Ceremony</p> <p>(Japanese)</p>	<p>optional Preliminary Print out</p>
	<p>Net Zero (6-6 X 6's DUE)</p> <p>Site Concepts (5)</p> <p>Sustainability & Green Contour and topography</p> <p>Climate, Orientation& Landscape Design</p>	<p>SITE ANALYSIS Zen Garden</p> <p>(e.g., Sen No Rikyu)</p> <p>Work, Desk Crits</p>	<p>Work, Desk Crits</p>	<p>Work, Desk Crits</p>
Week Four - Free Weekend				
Note	17-Sep	18-Sept	19-Oct	20-Sep
	<p>DUE</p> <p>Site Plan Print out</p>	<p>Introduce</p> <p>FINAL Project 3:</p>	<p>Work in class</p>	<p>Work in class</p>
	<p>Presentation & Pin-up</p> <p><i>24 X 36 print out</i></p> <p><i>With proper title block</i></p> <p>ET AL.</p>	<p>Japanese Zen Gardens & Tai'an Tea House</p> <p>vernacular, sensory, natural, and man-made concepts</p>	<p>Bring Model Materials to class</p>	<p>Bring Model Materials to class</p>

Week Five				
Note	24-Sep	25-Sep	26-Sep	27-Oct
	DUE Site PLAN Model Presentations	Site Analysis and Floor Plan generation Materials and Methods	Work in class	DUE 100 word minimum Design Concept 100-word Minimum Design idea
	NETZero+ Concepts Research and writing 10 graphics with 25 words each	5 Bubble diagrams Hand Drawn Labeled with Entourage 12" X 12" Trace	Work, Desk Crits Concept Idea Genius Loci and Esquisse	Typed out and spell checked! Should be NO grammatical errors!
Week Six				
Note	1-Oct	2-Oct	3-Oct	4-Oct
	DUE (2 Sheets) Floor Plan 24 X 36 Plot Scale 1/4" = 1'-0" and Site Analysis Sheet 100-word Concept Idea 100-word Design Idea 5 precedents, 5 Site Analytical Drawings	Begin Longitudinal and Transverse sections with NETZero+ Concepts Work, Desk Crits Stairology, Fenestration Material and Method,	Japanese Joinery Materials and Methods NO FLAT OOFs! ADA , Restrooms and Auxiliary services	DUE Preliminary Print Out One Longitudinal section with 5 NetZero+ Concepts (with descriptive definition)
Week Seven				
Note	8-Oct	9-Oct	10-Oct	11-Oct
	DUE Longitudinal and Transvers Sections, each with 5 NetZero+ Diagrams with descriptive definition 5 Site Diagram Graphics 5 Precedents (25word min.)	Building Model Due 10/15 Bring Model Making Material to Class	Work on model in class	Work on model in class
Week Eight				
Note	15-Oct	16-Oct	17-Oct	18-Oct
	Due Museum Quality Model Completion 5 materials No visible glue stains 5 different sizes of wood Innovation of idea & concept	Detail Drawing Lecture Japanese Joinery and Construction Techniques Work in class, Desk Crits	DUE: Preliminary Detail drawing on trace (3) Work in class, Desk Crits	Detail Section with 20 labels Preliminary print-out 24 X 36 SCALE: 1/4" = 1' – 0"
Week Nine				
Note	22-OCT	23-OCT	24-OCT	25-OCT
	Begin Four Elevations	Elevations	Elevations	Two Elevations Due
	Free Weekend Be safe in Homecoming	Work, Desk Crits	Work in class, Desk Crits	Preliminary Plot plan 24 X 36

Week Ten				
Note	29-OCT	30-OCT	31-OCT	1-Nov
	DUE: Final (2) all four Elevations	<i>Resume, Cover Letter, Solicitous Letter, and Thank You Letter</i>	<i>Resume, Cover Letter, Solicitous Letter, and Thank You Letter</i>	Due Preliminary Portfolio 8.5 X 11 or 14 (stapled)
	Presentation	Format, Layout and Context Print all 8.5 X 11	Print all 8.5 X 11	Cover, Personal Philosophy, Table of Contents. Resume (1-page) Project 1, 2 and 3, et al. & Thank you page
Week Eleven				
Note	5-Nov	6-Nov	7-Nov	8-Nov
	DUE	Work on MODEL	3D layout	Work on MODEL
	Portfolio Resume and three (3) Letters	Free	Free	Free
Week Twelve				
Note	12-Nov	13-Nov	14-Nov	15-Nov
	<i>Model Due</i>	<i>1 of 4 Renderings Due</i>	<i>2 of 4 Renderings Due</i>	<i>2 3D Renderings due on 24 X 36 sheet layout</i>
	3 Materials and 3 Textures No visible glue stains Accurate fenestration and Museum Quality	Work on 3D	Work on 3D	All 4 3D drawings Due Monday, 2 interior and 2 exterior
Week Thirteen				
Note	19-Nov	20-Nov	21-Nov	22-Nov
	4 3D Renderings DUE	Work on Final drawings 3 Check plots Due	Work on Final drawings	ALL DRAWINGS DUE
	Pint out 24 X 36	3 24 X 36 Sheets DUE	Have a Happy Thanksgiving	Final grade for all finished drawings
Week Fourteen				
Note	26-NOV	27-NOV	28-NOV	29-NOV
	Work on Final Model	Work on Final Model	Have a Happy Thanksgiving	NO CLASS
Week Fifteen				
	3-Dec	4-Dec	5-Dec	Dec. 6 Merry Christmas

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 2019 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. All unexcused absences will result in lowered grades. Excessive absenteeism, **whether excused or unexcused** will result in a student's failure and the grade of "F"; if absenteeism is recorded greater than 20% (12). Attendance begins, and is accumulated from the first day of class. (Attendance penalties are outlined on the attendance roster-see attendance roster)

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
- 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
 - Basic knowledge of AutoCAD and or SketchUp

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.

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. 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 during class time and occasionally through email. Additional assistance can be obtained from the Office of Distance Learning.

All assignments are due at the start of the class session. No late work will be accepted without proper documentation. **For full credit all work must be emailed 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.

Physical Presentation:

Students will be required to print both process work and final work to be reviewed during studio hours. All plotting & printing should be done in the labs in the School of Architecture whenever possible. This work must be printed prior to studio hours.

Museum Quality and Craft:

It is expected that an appropriate level of care and craft will be employed on all projects. Some stages of the process such as sketching and study models are expected to be quick and a little bit dirty in order to allow for the rapid exploration of ideas and possibilities. Other stages, such as final presentation work, should show a higher level of precision and attention to detail in order to communicate concepts and ideas clearly.