“If you have total freedom, then you are in trouble. It’s much better when you have some obligation, some discipline, some rules. When you have no rules, then you start to build your own rules.

Renzo Piano, Hon.FAIA, Pritzker Laureate

Expected Course Goals and Objectives:

In this course, students will consider the impact that buildings have on both their immediate and expanded cultural context. Designs will be culturally, socially, and environmentally responsive to the needs of the community it serves. In order to do this, the design process must include considerations for multiple stakeholders that are affected by both the presence and the construction of a building. Students must learn to use this information to develop a design that is appropriate to the place and use, as well as a building that is considered from both a conceptual and technical point of view. Students must learn effective ways to research and integrate various building systems, programming, technology and environmental factors, especially as these aspects relate to the role of the client in architecture. Students will present their work graphically and verbally in a professional manner to a public forum.
<table>
<thead>
<tr>
<th><strong>Course Location:</strong></th>
<th>Nathelyne Archie Kennedy Building, Room 130</th>
</tr>
</thead>
</table>
| **Class Meeting Days & Times:** | Tuesday, 3:30 to 5:20 PM  
Monday, Wednesday and Thursday 3:30 to 6:10 PM |
| **Catalog Description:** | **ARCH 3266 Architecture Design VI (6-0) Credit 6 semester hours.** Analysis and design of structures of advanced complexity with emphasis on interrelationships of building systems. |
| **Prerequisites:** | ARCH 3256 |
| **Co-requisites:** | Not Applicable |
| **Mode of Instruction:** | ✅ Face-to-face |
| **Instructor:** | Nestor I. Infanzon, FAIA, LEED AP BD+C  
Professor of the Practice |
| **Office Location:** | School of Architecture, Room 243 |
| **Office Telephone:** | (936) 261-9800 |
| **Email Address:** | neinfanzon@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 and Thursday 9:00-11:00 PM. OTHER HOURS BY APPOINTMENT.  
Students are advised to make appointments with the professor ahead of time and be specific with the subject matter to be discussed. Students must be prepared for their appointment by bringing all applicable materials and information to the meeting. |
| **Virtual Office Hours:** | |
| **Required Text:** | Building Codes Illustrated: A Guide to Understanding the International Building Code;  
Authors: Francis D. K. Ching and Steven R. Winkel, FAIA; Publisher: John Wiley & Sons, Inc.; ISBN: 0-471-09980-5 (Excellent Reference Book to own) |
| | Architectural Graphic Standards (Student or Full Professional Edition) the American Institute of Architects edited by Bruce Bassler 978-0-470-08546-2 (Excellent Reference Book to own) |
| **Optional Text:** | Sustainable Construction: Green Building Design and Delivery (2nd Edition); Author: Charles J. Kibert; Publisher: John Wiley & Sons, Inc.; ISBN: 9778-0-470-11421-6 |
| | Green Building Illustrated; Author: Francis D. K. Ching; Publisher: John Wiley & Sons, Inc. (Excellent Reference Book to own) |
| **Recommended Text/Readings:** | Open a personal account at [https://continuingeducation.bnpmedia.com/](https://continuingeducation.bnpmedia.com/)  
Read the following articles |


https://continuingeducation.bnpmedia.com/courses/multi-aia/multifamily-housing-design-amenities/


Professor will provide supplemental Required Handouts throughout the semester as required.

### Learning Resources

**PVAMU Library:**
Telephone: (936) 261-1500;
web: [http://www.tamu.edu/pvamu/library/](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](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:
The goal of this course is to reinforce your understanding that architecture is not mere form or image making exercise, but as a holistic system approach that has to incorporate spatial, structural, mechanical and electrical components that must be integrated with the broader systems of the site – both physical and cultural, both organic and man-made, both processes and fixed conditions.

This course pedagogical expectations are intended to reinforce your understanding and application of the NAAB Student Performance Accreditation Criteria as listed below.

A-1 Professional Communicative Skills include: Ability to write and speak effectively and use representational media appropriate for both within the profession and with the general public.

A-2 Architectural Design Thinking Skills include: Ability 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

A-3 Investigative Skills include: Ability to gather, assess, record, and comparatively evaluate relevant information and performance in order to support conclusions related to a specific project or assignment.

B-1 Pre-Design include: Ability to prepare a comprehensive program for an architectural project that includes an assessment of client and user needs; an inventory of spaces and their requirements; an analysis of site conditions (including existing buildings); a review of the relevant building codes and standards, including relevant sustainability requirements, and an assessment of their implications for the project; and a definition of site selection and design assessment criteria

B-2 Site Design will include: Ability to respond to site characteristics, including its context and developmental patterning, the fabric, soil, topography, ecology, climate, and building orientation, in the development of a project design.

B-5 Structural Systems include: Ability to demonstrate the basic principles of structural systems and their ability to withstand gravitational, seismic, and lateral forces, as well as the selection and application of the appropriate structural system.

B-6 Environmental Systems include: Ability to demonstrate the principles of environmental systems’ design, how design criteria can vary by geographic region, and the tools used for performance assessment. This demonstration must include active and passive heating and cooling, solar geometry, daylighting, natural ventilation, indoor air quality, solar systems, lighting systems, and acoustics.

B-8 Building Materials and Assemblies include: Understanding of the basic principles used in the appropriate selection of interior and exterior construction materials, finishes, products, components, and assemblies based on their inherent performance, including environmental impact and reuse.

C-2 Integrated Evaluation and Decision-Making Design Process include: Ability to
demonstrate the skills associated with making integrated decisions across multiple systems and variables in the completion of a design project. This demonstration includes problem identification, setting evaluative criteria, analyzing solutions, and predicting the effectiveness of implementation.

Course Outcomes/Learning Objectives

At the end of this course, the students will

4456.1 Be able to understand and apply basic pre-design and site design issues/strategies. Students should begin to understand how to integrate the project scope and building solutions into the project site and larger community context.

4456.2 Demonstrate the ability to integrate operational design issues that impact how we use, live and inhabit spaces into building design solutions.

4456.3 Be able to analyze a site as not only a fixed place, but as ongoing, ever-changing evolving social and cultural system.

4456.4 Be able to develop an architecture that is a coherent system that is underpinned with a clear intention and client’s needs.

4456.5 Demonstrate a basic understanding of sustainability measures including net zero energy design, net zero water design, low impact development, responsible material sourcing, healthy indoor air quality, resilient design, and supporting local food production and natural habitats.

Course Requirements & Evaluation Methods

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

- **Assignments/Papers/Exercises**: Written assignments designed to supplement and reinforce course material. No late assignments will be accepted without a deduction in the final grade unless accompanied by the proper documentation student must submit University approved documentation within 3 days of returning to Studio.

- **Projects**: Assignments designed to measure ability to apply presented course material with Mid-Term/Final Presentations: Presentations to Guest Reviewers are required. Mid-term grades will be reviewed individually with the Professor based on the attached Grading Matrix.

- **Class Attendance/Participation**: Daily attendance and participation in class discussions

- **Sketchbook**: Students will be required to produce a minimum of three sketches, exploratory diagrams, or collages per week in order to complete this instrument. No late submissions will be accepted.

Grading

A – (exceptional pass) exceptional performance; strongly exceeding the requirements of the course problem, showing strong academic initiative and independent resourcefulness.

B – (high pass) performance above the norm; accurate and complete; beyond the minimum requirements of the course problem; work demonstrates marked progress and initiative.

C – (pass) satisfactory work that adequately meets minimum requirements and demonstrates satisfactory comprehension, communication skills, and effort; demonstrates little initiative to investigate the problem without substantial prodding of the instructor; work shows little improvement.

D – (low pass) unsatisfactorily meets minimum requirements; demonstrates minimum comprehension of the course problem, communication skills, and effort at an inferior level; initiative lacking; improvement not noticeable.

F – (fail) does not meet minimum requirements; fails to adequately demonstrate comprehension of the course problem, communication skills, and effort requiring to repeat the course.

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Value (points or percentages)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>Sketchbook at 10 points</td>
<td>10</td>
</tr>
<tr>
<td>Papers and Readings</td>
<td>10 papers at 1 points each</td>
<td>10</td>
</tr>
<tr>
<td>Exercises</td>
<td>Up to 2 exercises at 5 points each</td>
<td>10</td>
</tr>
<tr>
<td>Exams</td>
<td>quizzes at 00 points each</td>
<td>0</td>
</tr>
<tr>
<td>Projects</td>
<td>Minimum of 2 projects (each project counts for equal % of the grade)</td>
<td>60</td>
</tr>
<tr>
<td>Mid Term Presentation</td>
<td>Counts towards points out of the projects final grade</td>
<td></td>
</tr>
<tr>
<td>Final Presentation</td>
<td>30 points out of the projects grade</td>
<td></td>
</tr>
<tr>
<td>Class Attendance/Participation</td>
<td>Total of 10 points</td>
<td>10</td>
</tr>
<tr>
<td>Total:</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Additional Credit/Bonus</td>
<td>Will be added to final grade and not to</td>
<td>5</td>
</tr>
</tbody>
</table>

ARCH 3266
PRAIRIE VIEW A&M UNIVERSITY
ARCHITECTURE DESIGN VI
COURSE SYLLABUS
SCHOOL OF ARCHITECTURE
### 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.

#### Instructor's Attendance and Participation Policy

As a student in a professional practice course at Prairie View A&M University you are expected to be on time and attend each class offering. Class attendance is recorded on roll sheets that is available for your signature at the start of class to record your signature. All design assignments are due on the specified assigned date. Late work will not be accepted and will result in a grade of 0 for that assignment or project. All students must be present to submit and present their design concepts/drawings/models as make-up opportunities are very limited and will be granted only when caused by a university excused absence. It is also understood that emergencies do occur. If a university excused absence or a valid emergency is reported and approved, a make-up presentation/pin-up must occur during the next scheduled class period to avoid a penalty. **Students are expected to behave and dress professionally in the studio and to be productive towards the completion of studio projects and/or assignments during studio hours.**

Given this expectation, students are required to adhere to the following rules:

1. **Students arriving 10 minutes past the beginning of class shall be marked late** and deducted 20% from the daily classroom grade. Lateness will be indicted with a red-line drawn on the sign-in sheet at 10 past arrival time. Students arriving 30 minutes late will be deducted a minimum of 50% from their daily grade.

2. **Visitors are not allowed during class time and eating is also not allowed.** Talking during class will adversely affect your daily grade, unless students are directly addressing the course work at hand.

3. **Desk critique sign-in sheets will be posted at the beginning of each class.** Students should sign up with the instructor for one on one desk critiques a minimum of two time per week. Students will meet with instructor based on this sign-in sheet. Any students that are not met with on that appointed time, will be met with first at the next period.

4. During each class, students are required to have on their desk a roll of 12” trace paper and appropriate drawing instruments on desk for productive desk critiques.

5. **Weekly assignments are to be turned in on time. Late work will not be accepted without a doctor’s or university approved excuse.**

6. **Students are expected to have all materials ready for work by the beginning of the second week of the semester including:** 1) design notebook; 2) laptop; 3) sketch-up, CAD, REVIT on your laptop 4) mechanical drafting pencil, 5) yellow tracing paper and 6) drawing tape, 7) desk drawing/cutting board, 8) sketch & final model-making material, basswood, museum board, etc.
7. **Attendance and presentation at both Mid-term and Final Reviews are mandatory.** Missing either the Mid-term or Final Review without a valid doctor’s excuse will result in a zero for that review and may result in the failure of the course.

You are **not** in competition with your fellow classmates for involvement points. Participation and absences are accumulated beginning with the first day of class on **January 13, 2020**. If you do not come to class, you may assume that you have received zero (0) points for the class period unless you have a university approved excuse in one of the following classifications:

1. Participation in an activity appearing on the University authorized activity list.
2. Death or major illness in a student’s immediate family.
3. Illness of a dependent family member.
4. Participation in legal proceedings that requires a student’s presence.
5. Religious holy day.
6. Confinement because of illness.
7. Required participation in military duties.
8. If you miss class for one of these reasons, you must provide a memorandum plus supporting documentation to clear the absence from your record. These documents will be accepted for **ONE WEEK AFTER THE ABSENCE HAS OCCURRED**. There will be NO exceptions to this rule. This includes student-athletes who are to provide university forms for reporting absences to participate in approved competitions. Emails will not be accepted to clear these absences. After that, the involvement grade stands. If you have another reason other than these seven for being absent, you may submit a memorandum with supporting documentation requesting that the absence be removed from your record for **ONE WEEK AFTER THE ABSENCE HAS OCCURRED**. There will be NO exceptions to this rule. All requests will be reviewed and approved or disapproved based upon the justification that you provide in your memorandum. While other reasons for being absent are rarely approved; it is understood that you might feel that there is a higher priority that requires you to miss class. In accepting your decision to miss class, you must also be willing to accept the instructor’s decision to not award you involvement points for the class or classes that are missed. To assist you in recovering lost points there is an opportunity to earn additional extra percentages towards your final grade.

### Personal Conduct

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. However you should also respect the instructor’s decision to not award you daily participation points based upon that decision.
3. **Dress Code for Presentations:** Professional dress is expected for all design and technical presentations in class. Failure to adhere to the guidelines posted by the instructor will result in a deduction of ten percent (10%) from your final presentation score.
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. No ‘ear phone’ units will be allowed. If your cell phone rings during the lecture or you are texting you are
6. **Laptops 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 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.

4. **Lecture Notes and Handouts** will be sent to your official university email. Handouts distributed during a class period will not be distributed at any other time. It is the student’s responsibility to get a copy form another student or source.

**Submission of Assignments:** Assignments are due at the start of the class session. No late work will be accepted without proper documentation.

**Formatting Documents:** Microsoft Word is the standard word processing tool used at PVAMU. If you are using other word processors, be sure to save the document in either the Microsoft Word, Rich-Text, or plain text format.

**Exam Policy:** Exams or projects should be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook).

**Professional Organizations and Journals**

**Magazines:** Architectural Record Magazine, Progressive Architecture, TexasArchitect and El Croquis to name a few.

**Organizations:** Texas Society of Architects, American Institute of Architects, USGBC and others professional associations.

**References**

**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 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.

Netiquette (online etiquette): Students are expected to participate in all discussions and virtual classroom chats 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, 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

#### REALM A: Critical Thinking and Representation

<table>
<thead>
<tr>
<th>Course Learning Outcomes</th>
<th>Ability</th>
<th>Understanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.1. Professional Communication Skills (Ability)</td>
<td></td>
<td></td>
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<tr>
<td>A.2. Design Thinking Skills (Ability)</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>A.3. Investigative Skills (Ability)</td>
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<tr>
<td>A.4. Architectural Design Skills (Ability)</td>
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<td>A.5. Ordering Systems (Ability)</td>
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<td>A.6. Use of Precedents (Ability)</td>
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<td></td>
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<tr>
<td>A.7. History and Global Culture (Understanding)</td>
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<tr>
<td>A.8. Cultural Diversity and Social Equity (Understanding)</td>
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#### REALM B: Building Practices, Technical Skills, and Knowledge

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<th>Course Learning Outcomes</th>
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<tbody>
<tr>
<td>B.1. Pre-Design (Ability)</td>
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<tr>
<td>B.2. Site Design (Ability)</td>
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<td>I</td>
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<tr>
<td>B.3. Codes and Regulations (Ability)</td>
<td></td>
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<tr>
<td>B.4. Technical Documentation (Ability)</td>
<td></td>
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<tr>
<td>B.5. Structural Systems (Ability)</td>
<td>R</td>
<td>I</td>
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<tr>
<td>B.7. Building Envelope Systems and Assemblies (Understanding)</td>
<td></td>
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<tr>
<td>B.8. Building Materials and Assemblies (Understanding)</td>
<td>R</td>
<td>I</td>
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<tr>
<td>B.9. Building Service Systems (Understanding)</td>
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<td>B.10. Financial Considerations (Understanding)</td>
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#### REALM C: Integrated Architectural Solutions

<table>
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<th>Course Learning Outcomes</th>
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<tbody>
<tr>
<td>C.1. Research (Understanding)</td>
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<tr>
<td>C.2. Integrated Evaluations and Decision-Making Design Process (Ability)</td>
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<td></td>
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<tr>
<td>C.3. Integrative Design (Ability)</td>
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#### REALM D: Professional Practice

<table>
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<tr>
<th>Course Learning Outcomes</th>
<th>Ability</th>
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<tbody>
<tr>
<td>D.1. Stakeholder Roles in Architecture (Understanding)</td>
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<tr>
<td>D.2. Project Management (Understanding)</td>
<td></td>
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<tr>
<td>D.4. Legal Responsibilities (Understanding)</td>
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<tr>
<td>D.5. Professional Conduct (Understanding)</td>
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</tbody>
</table>

### 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](http://www.acce-hq.org) and view the “Accreditation Procedures.”

<table>
<thead>
<tr>
<th>Course Learning Outcomes:</th>
<th>Competencies (T, R, I)</th>
<th>ACCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Create written communications appropriate to the construction discipline.</td>
<td>R</td>
<td>A Assessed</td>
</tr>
</tbody>
</table>

**ARCH 3266**  
ARCHITECTURE DESIGN VI  
PRAIRIE VIEW A&M UNIVERSITY  
COURSE SYLLABUS  
SCHOOL OF ARCHITECTURE
2. Create **oral presentations** appropriate to the construction discipline.
3. Create a construction **project safety plan**
4. Create construction **project cost estimates**
5. Create construction **project schedules**
6. Analyze professional decisions based on **ethical principles**.
7. Analyze construction documents for planning and **management** of construction processes.
8. Analyze **methods, materials, and equipment** used to construct projects.
9. Apply construction management skills as a member of a **multidisciplinary team**.
10. Apply **electronic-based technology** to manage the construction process.
11. Apply basic **surveying techniques** for construction layout and control.
12. Understand different **methods of project delivery** and the roles and responsibilities of all constituencies involved in the design and construction process.
13. Understand **construction risk management**.
14. Understand **construction accounting and cost control**
15. Understand **construction quality assurance and control**.
16. Understand **construction project control** processes.
17. Understand the **legal implications** of contract, common, and regulatory law to manage a construction project.
18. Understand the basic principles of **sustainable construction**.
19. Understand the basic principles of **structural behavior**.
20. Understand the basic principles of **mechanical, electrical and piping** systems.

### 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.

<table>
<thead>
<tr>
<th>Event/Date Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration/Assembly Dates</td>
<td>Dates exam scores will be posted</td>
</tr>
<tr>
<td>Key Dates</td>
<td>Holidays</td>
</tr>
<tr>
<td>Graduation Applications</td>
<td>Guest lectures</td>
</tr>
<tr>
<td>Dates for Exams</td>
<td>Project Team Workshop</td>
</tr>
</tbody>
</table>

### 16 WEEK CALENDAR

**Insert general topics and assignments.**

**Week One: Topic**

**January 13-17, 2020**

Chapter(s): 

Assignment(s): Refer to Class Schedule
<table>
<thead>
<tr>
<th>Project Assignment # 1 Due Thursday at start of class</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University Events:</strong></td>
</tr>
<tr>
<td>January 13, 2018 [Monday] Tuition &amp; Fees Payment Due Date. Late Registration Fee Begins ($50.00)</td>
</tr>
<tr>
<td>January 15, 2018 [Wednesday] <strong>UNDERGRADUATE:</strong> LATE REGISTRATION/ADD COURSES/CHANGE COURSE SCHEDULE ENDS. LAST DAY TO CHANGE MAJOR OR ANY OTHER MATRICULATION CHANGE FOR SPRING 2019</td>
</tr>
</tbody>
</table>

**Week Two: Topic**  
**January 20-24, 2020**

**Chapter (s):**

**Assignment (s):**
Refer to Class Schedule  
Reading Due Thursday at Start of Class  

**University Events:**  
January 20, 2020 [Monday]  
1 MARTIN LUTHER KING DAY (University Closed)

January 13-22, 2020 [Monday]  
Attendance Reporting Period. Students who do not attend class during this period will have their courses removed and financial aid reduced or cancelled.

January 23, 2020 [Thursday]  
GENERAL STUDENT ASSEMBLY: All students to attend.  
(Date and Time to be announced/confirmed.)

**Week Three: Topic**  
**January 27-30, 2020**

**Chapter (s):**

**Assignment (s):**
Refer to Class Schedule  
Reading Due Thursday at Start of Class  
https://continuingeducation.bnpmedia.com/courses/multi-aia/mass-timber-construction/

**University Events:**

January 29, 2020 [Wednesday]  
CENSUS DATE (12th CLASS DAY): COURSE RESERVATIONS CANCELLED FOR NON-PAYMENT.  
LAST DAY TO WITHDRAW FROM COURSE WITHOUT ACADEMIC RECORD.

January 30, 2020 [Thursday]  
NOTE! WITHDRAWAL FROM COURSES “WITH ACADEMIC RECORD” (W) BEGINS; ENDS MARCH 27, 2020

**Week Four: Topic**  
**February 3-7, 2020**

**Chapter (s):**

**Assignment (s):**
Refer to Class Schedule  
Reading Due Thursday at Start of Class  

**University Events:**  
February 4, 2020 [Monday]  
20th Class Day  
Drop for Non-Payment of Tuition and Fees @ 5:00 p.m.

**Week Five: Topic**  
**February 10-14, 2020**

**Chapter (s):**
| Assignment(s): | Refer to Class Schedule  
Reading Due Thursday at Start of Class  
| University Events: | February 12, 2020  
[Wednesday]  
Architecture/Digital Media Arts Career Fair |  |
| **Week Six: Topic**  
February 17-21, 2020 |  |
| Chapter(s): |  |
| Assignment(s): | Refer to Class Schedule  
Reading Due Thursday at Start of Class  
| University Events: |  |
| **Week Seven:** Topic  
February 24-28, 2020 |  |
| Chapter(s): |  |
| Assignment(s): | Refer to Class Schedule  
Reading Due Thursday at Start of Class  
| University Events: |  |
| **Week Eight:** Topic  
March 2-6, 2020 |  |
| Chapter(s): |  |
| Assignment(s): | Refer to Class Schedule  
Sketchbook Due on Thursday March 5 at end of Class  
Reading Due Thursday at Start of Class  
| University Events: |  |
| Mid-Term Exam | March 5-7, 2020 Thursday through Saturday |  |
| **Week Nine:** Topic  
March 9-13, 2020 | SPRING BREAK!  |
| Chapter(s): |  |
| Assignment(s): |  |
| University Events: |  |
| **Week Ten:** Topic  
March 16-20, 2020 |  |
| Chapter(s): |  |
| Assignment(s): | Refer to Class Schedule  
Reading Due Thursday at Start of Class  
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>March 23-27, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter (s):</td>
<td>Refer to Class Schedule</td>
<td></td>
</tr>
<tr>
<td>Assignment (s):</td>
<td>Reading Due Thursday at Start of Class</td>
<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>March 27, 2020 [Wednesday] Final Day to Withdraw from Course(s) with Academic Record (&quot;W&quot;)</td>
<td></td>
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<tr>
<td></td>
<td>April 1, 2020 [Wednesday] Founders Day/Honor Convocation (Date and Time to be announced/confirmed.)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>March 30-April 3, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter (s):</td>
<td>Refer to Class Schedule</td>
<td></td>
</tr>
<tr>
<td>Assignment (s):</td>
<td>Reading Due Thursday at Start of Class</td>
<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>April 10, 2020 [Wednesday] Good Friday [Student holiday]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>April 13, 2018 [Friday] NOTE! SUMMER AND FALL 2018 GRADUATION APPLICATION DEADLINE. There will be NO exceptions to this deadline.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>April 6-10, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter (s):</td>
<td>Refer to Class Schedule</td>
<td></td>
</tr>
<tr>
<td>Assignment (s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>April 10, 2020 [Friday]</td>
<td></td>
</tr>
<tr>
<td></td>
<td>April 13, 2018 [Friday]</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>April 13-17, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter (s):</td>
<td>Refer to Class Schedule</td>
<td></td>
</tr>
<tr>
<td>Assignment (s):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>April 20, 2020 [Monday] NOTE! PRIORITY REGISTRATION BEGINS FOR SUMMER TERM AND FALL 2020 SEMESTER.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>April 20-24, 2020</th>
</tr>
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<tbody>
<tr>
<td>Chapter (s):</td>
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<tr>
<td>Assignment (s):</td>
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<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>April 20, 2020 [Monday]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>April 27-May 1, 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter (s):</td>
<td>Refer to Class Schedule</td>
<td></td>
</tr>
<tr>
<td>Assignment (s):</td>
<td>COURSE REVIEW DAY (Classes must convene and instructors will prepare students for Final Exams)</td>
<td></td>
</tr>
<tr>
<td>University Events:</td>
<td>April 27,2020 (Monday-Tuesday)</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>April 28, 2020 (Tuesday)</td>
<td>COURSE REVIEW DAY (Classes must convene and instructors will prepare students for Final Exams)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAST DAY OF CLASSES FOR SPRING 2020 SEMESTER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LAST DAY TO WITHDRAW FROM UNIVERSITY FOR SPRING 2020 SEMESTER.</td>
<td></td>
</tr>
<tr>
<td>April 29-May 6, 2020 [Wednesday-Wednesday]</td>
<td>FINAL EXAMINATION PERIOD</td>
<td></td>
</tr>
<tr>
<td>May 7, 2020 [Thursday]</td>
<td>FINAL GRADES DUE FOR GRADUATING CANDIDATES</td>
<td></td>
</tr>
<tr>
<td>May 9, 2020 [Saturday]</td>
<td>COMMENCEMENT</td>
<td></td>
</tr>
<tr>
<td>May 12, 2020 [Tuesday]</td>
<td>FINAL GRADES DUE FOR ALL STUDENTS</td>
<td></td>
</tr>
</tbody>
</table>

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 the 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.
I have read the Course Syllabus for ARCH 3266 for the Spring Semester 2020, 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.

With my signature I am in agreement with the following requirements:

During regular class periods I will dress appropriately. Initials ______

No hats or caps are allowed to be worn in the classroom during class sessions. Initials ______

I understand that no food or drink are allowed in the classroom during class time. Initials ______

I understand that Cellular telephones are to be turned off or put on silent ring tone during the class period and that texting is strictly prohibited during the class period. Initials ______

No ‘ear buds, headphones or other such devices are allowed to be used during class. Initials ______

Laptops are allowed only for taking notes or accessing relevant course material during the class. Checking email, playing a game, messaging and other non-class related activities are not allowed at any time. Initials ______

No children, friends, family members or guests are allowed in the class without prior approval by the Dean’s office. Initials ______

________________________________________
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: ________________________________