**Course Title:** RESEARCH SEMINAR  
**Course Prefix:** ARCH  
**Course No.:** 5351  
**Section No.:** N01

“We shape our buildings; thereafter they shape us.” — Winston S. Churchill

| **School of Architecture** | Department: | ☑️ Architecture  
☐ Construction Science  
☐ Art  
☐ Digital Media Art  
☐ Community Development |
|-----------------------------|-------------|--------------------------------------------------|

<table>
<thead>
<tr>
<th><strong>Class Meeting Days &amp; Times:</strong></th>
<th>Wednesdays; Section N01: 6:30 PM-9:20 PM</th>
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<tr>
<th><strong>Catalog Description:</strong></th>
<th>“(3-0) Credit 3 semester hours. Research and programming for the Comprehensive Project Studio.”</th>
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<tr>
<th><strong>Prerequisites:</strong></th>
<th>N/A</th>
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<tr>
<th><strong>Co-requisites:</strong></th>
<th>N/A</th>
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| **Mode of Instruction:** | ☑️ Face-to-face  
☐ On-line  
☐ Hybrid |
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<thead>
<tr>
<th><strong>Instructor:</strong></th>
<th>Zui Ng, Professor of Practice</th>
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<tr>
<th><strong>Office Location:</strong></th>
<th>School of Architecture, Prairie View A&amp;M University (Northwest Houston)</th>
</tr>
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</table>

| **Office Telephone:** | (713) 790-7146  
Fax: | (936) 261-9826 |
|----------------------|--------------------------|

<table>
<thead>
<tr>
<th><strong>Email Address:</strong></th>
<th><a href="mailto:zlng@pvamu.edu">zlng@pvamu.edu</a></th>
</tr>
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</table>

| **U.S. Postal Service Address:** | Prairie View A&M University  
P.O. Box 519  
Mail Stop 2100  
Prairie View, TX 77446 |
|-----------------------------|--------------------------------------------------|

<table>
<thead>
<tr>
<th><strong>Office Hours:</strong></th>
<th>Two hours before class hours. Students are advised to make appointments with 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 face to face of online meeting.</th>
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<tr>
<th><strong>Virtual Office Hours:</strong></th>
<th>Texts to be handed out in class or posted to virtual server.</th>
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<tr>
<th><strong>Required Text:</strong></th>
<th>Texts to be handed out in class or posted to virtual server.</th>
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</table>

| **Optional Text:** | Problem Seeking, An Architectural Programming Primer, AIA Press, William Pena  
The Architects Studio Companion: Rules of Thumb for Preliminary Design by Edward Allen, Joseph Iano  
Building Codes Illustrated by Francis D.K. Ching/ Steven R. Winkel, FAIA  
|-------------------|--------------------------------------------------|

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<tr>
<th><strong>Recommended Text/Readings:</strong></th>
<th>Texts to be handed out in class or emailed.</th>
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**Course Goals and Overview:**  
ARCH 5351 will focus on developing Research Skills in preparation for the following semester's Comprehensive Design Studio. The primary emphasis is to help you understand programming analysis. The goal of the Research Seminar is to produce a
document which will provide the student with the content needed for the design project to be accomplished in Comprehensive Project Studio in the Spring Semester.

**Course Outcomes & Learning Objectives**

At the end of this course, the students will:

<table>
<thead>
<tr>
<th>5351.1</th>
<th>Choose a building type for their Integrated Design Project DESIGN X.</th>
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<tbody>
<tr>
<td>5351.2</td>
<td>Choose benchmark projects that operate as precedent for their Integrated Design Project DESIGN X.</td>
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<tr>
<td>5351.3</td>
<td>Create a site and context analysis on the site that will host the building type that was chosen for their Integrated Design Project DESIGN X.</td>
</tr>
<tr>
<td>5351.4</td>
<td>Create the programmatic requirements needed to identify required square footages and volume requirements for the building type that was chosen for their Integrated Design Project DESIGN X.</td>
</tr>
<tr>
<td>5351.5</td>
<td>Create an overview of sustainable and technical requirements for their Integrated Design Project DESIGN X.</td>
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**Course Requirements & Evaluation Methods**

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

- **A Formal Reviews (Mid-Term Review)** – oral presentations where students present research, drawings and diagrams.
- **Book Project** – production of a book which will be used to measure ability to reformat and present work produced over the course of the semester.
- **Six Exercises** – six exercises to help student collect, analyze and present data.
- **Class Participation** – daily attendance and participation in class discussions

**Grading Matrix**

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Value (percentages)</th>
<th>(points) Total</th>
</tr>
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<tbody>
<tr>
<td>Book 1</td>
<td>13%</td>
<td>13</td>
</tr>
<tr>
<td>Mid Term Review</td>
<td>10%</td>
<td>10</td>
</tr>
<tr>
<td>Six Exercises</td>
<td>15%</td>
<td>15</td>
</tr>
<tr>
<td>Book 2</td>
<td>20%</td>
<td>20</td>
</tr>
<tr>
<td>Class Attendance/Participation</td>
<td>42%</td>
<td>42</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>100%</td>
<td>100</td>
</tr>
<tr>
<td><strong>Additional Credit/Bonus</strong></td>
<td>To be determined</td>
<td></td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>100%</td>
<td>100</td>
</tr>
</tbody>
</table>

**Grade Determination:**

A = 90-100 points
B = 80–89 points
C = 70–79 points
D = 60–69 points;
F = 59 points or below

If a student has stopped attending the course (i.e. “stopped out”) at any point after the first day of class but did not officially withdraw from the course and has missed assignments and exams and performed below the grade level of a D, a grade of FN (failed non-attendance) will be assigned for the final course grade to ensure compliance with the federal Title IV financial aid regulations. In contrast, if the student has completed all assignments and exams, but performed below the grade level of a D, a grade of F will be assigned for the final course grade.
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 Canvas.

Class Attendance Policy (See Catalog for Full Attendance Policy)

Prairie View A&M University requires regular class attendance. Attending all classes supports full academic development of each learner whether classes are taught with the instructor physically present or via distance learning technologies such as interactive video and/or internet. Excessive absenteeism, whether excused or unexcused, may result in a student’s course grade being reduced or in assignment of a grade of “F”. Absences are accumulated beginning with the first day of class during regular semesters and summer terms. Each faculty member will include the University’s attendance policy in each course syllabus.

Instructor’s Attendance and Participation Policy

Prairie View A&M University requires regular class attendance. Attending all classes supports full academic development of each learner whether classes are taught with the instructor physically present or via distance learning technologies such as interactive video and/or internet. Absences are accumulated beginning with the first day of class during regular semesters and summer terms. If you fail to submit the weekly tasks when due, you will be marked absent for that week. Class attendance will be taken by instructor at the beginning and the end of class. Since attendance is critical to the learning objectives and the class discussions, a 3 point involvement grade is awarded for each class period (1.5 points for Part 1 + 1.5 points for Part 2). You start with 1.5 points for attending each class session under the assumption that you have come to learn. However, to gain an understanding of material covered in this class, you must do more than just show up or log in. Attentiveness is important. If you are attentive during the lectures and discussions, you will be awarded an additional 0.75 points for each class. The remaining 0.75 points per class are earned by action on your part such as diligently taking notes, finding or sharing your thoughts on the subject being discussed, or asking a thoughtful and appropriate question. These points, plus potential bonus points, could also be earned by writing a one-page reaction paper about the class material or finding an insightful article from the newspaper or an architectural magazine. If you are late to face to face class you are subject to losing all or parts of the 1.5 attendance points. Typical deductions for being late are: Up to 5 minutes: 0 points; from 5 to 10 minutes: 0.5 points; from 10-15 minutes: 1 points; and over 15 minutes: 1.5 points.

You are not in competition with your fellow classmates for involvement points. Each student can receive 1.5 points per class session if they are legitimately earned. At the end of the semester, the instructor may award a growth grade worth an additional 5 involvement points based upon their overall assessment of your participation, growth and development during the semester. Participation and absences are accumulated beginning with the first day of class on August 24, 2022. If you do not come face to face class, you may assume that you have received zero (0) points for the class period (submitting in progress assignment without attending the class will not earn you any points) 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.

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. 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 up to 5 additional points 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 subject to losing all participation point for that class period.
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. If a student is absent, it is the student’s responsibility to get a copy from another student or source.

<table>
<thead>
<tr>
<th>Submission of Assignments:</th>
<th>Assignments are due at the start of the class session. Submission will only be graded when it is uploaded to assigned folder. No late work will be accepted without prior approval from instructor through proper documentation.</th>
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<tbody>
<tr>
<td>Formatting Documents:</td>
<td>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 the Microsoft Word, Rich-Text, or plain text format.</td>
</tr>
<tr>
<td>Exam Policy:</td>
<td>Exams and quizzes will be announced online via Canvas as scheduled. Exams should be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook).</td>
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<tr>
<td>COVID-19 Campus Safety Measures</td>
<td>To promote public safety and protect students, faculty, and staff during the coronavirus pandemic, PVAMU has adopted policies and practices to limit virus transmission.</td>
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<td></td>
<td>• Self-reporting – Students who test positive for COVID-19 are required to report their positive test results within 48 hours using the PVAMU Self-Reporting Form. Proof of off-campus and self-administered home test results must be sent to <a href="mailto:covid-19@pvamu.edu">covid-19@pvamu.edu</a>. Proof for self-administered home test is a picture of the test with a photo ID in the same photo.</td>
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<td></td>
<td>• Self-monitoring – Students should follow public health guidance to help slow the spread of the virus, including being vaccinated. Students who have a fever or exhibit symptoms of COVID-19 should not participate in face-to-face instruction.</td>
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<tr>
<td></td>
<td>• Face Coverings – Face coverings (KN-95, surgical mask, etc.) are highly recommended in classrooms, teaching laboratories, common spaces such as lobbies and hallways, public study spaces, libraries, academic resource and support offices, and outdoor spaces where 6 feet of physical distancing is challenging to maintain reliably.</td>
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<td>• Physical Distancing – Physical distancing should be maintained between students, instructors, and others in course and course-related activities where possible.</td>
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<td></td>
<td>• Personal Illness and Quarantine – Students required to quarantine are to participate in courses and course-related activities remotely and must not attend face-to-face course activities. Communication with the student’s instructor for remote support will take place by the Office of the Assistant Vice President for Academic Engagement and Success. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities. Students experiencing personal injury or illness that is too severe for the student to attend class may qualify for an excused absence. To receive an excused absence, students must provide appropriate documentation to the Office for Student Conduct, <a href="mailto:studentconduct@pvamu.edu">studentconduct@pvamu.edu</a>.</td>
</tr>
<tr>
<td></td>
<td>• Questions – For answers regarding COVID-19 policies and/or procedures, students should refer to <a href="http://www.pvamu.edu/coronavirus">www.pvamu.edu/coronavirus</a> or email <a href="mailto:covid-19@pvamu.edu">covid-19@pvamu.edu</a>.</td>
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Professional Organizations and Journals
**Handed out in class**

References
**Handed out in class**

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.

<table>
<thead>
<tr>
<th><strong>Academic Misconduct (See Student Handbook):</strong></th>
<th>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 Planner, especially the section on academic misconduct (see University Administrative Guidelines on Academic Integrity). Students who engage in academic misconduct are subject to university disciplinary procedures. As listed in the PVAMU Undergraduate Catalog, Graduate Catalog, and the Student Planner, the following are examples of prohibited conduct. This list is not designed to be all-inclusive or exhaustive. In addition to academic sanctions, any student found to have committed or to have attempted to commit the following academic misconduct may also be subject to disciplinary review and action as outlined in the PVAMU Student Planner.</th>
</tr>
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</table>
| **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 learned, giving or receiving aid unauthorized by the instructor on assignments or examinations. Examples: unauthorized use of notes for a test; using a “cheat sheet” on a quiz or exam; any alteration made on a graded test or exam which is then resubmitted to the teacher.  
2. **Plagiarism**: Careless or deliberate use of the work or the ideas of another; representation of another’s work, words, ideas, or data as your own without permission or appropriate acknowledgment. Examples: copying another’s paper or answers, failure to identify information or essays from the Internet and submitting or representing it as your own; submitting an assignment which has been partially or wholly done by another and claiming it as yours; not properly acknowledging a source which has been summarized or paraphrased in your work; failure to acknowledge the use of another’s words with quotation marks.  
3. **Multiple Submission**: Submission of work from one course to satisfy a requirement in another course without explicit permission. Example: using a paper prepared and graded for credit in one course to fulfill a requirement and receive credit in a different course.  
4. **Conspiracy**: Agreeing with one or more persons to commit an act of academic/scholastic dishonesty.  
5. **Fabrication of Information/Forgery**: Use or submission of contrived, invented, forged, or altered information in any assignment, laboratory exercise, or test; tampering with or production of a counterfeit document, particularly documents which make up the student’s academic record. Examples: making up a source or citing nonexistent publication or article; representing made up data as real for an experiment in a science laboratory class; forging a change of grade or student withdrawal record; falsifying any document related to a student academic exercise. |
| **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** | Sexual harassment of students and employees at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating the university's sexual harassment policy will be subject to disciplinary action. In accordance with the Texas A&M University System guidelines, your instructor is obligated to report to the Office of Title IX Compliance (titleixteam@pvamu.edu) any instance of sexual misconduct involving a student, which includes sexual assault, stalking, dating violence, domestic violence, and sexual harassment, about which the instructor becomes |
aware during this course through writing, discussion, or personal disclosure. The faculty and staff of PVAMU actively strive to provide a learning, working, and living environment that promotes respect that is free from sexual misconduct, discrimination, and all forms of violence. If students, faculty, or staff would like assistance or have questions, they may contact the Title IX Coordinator at 936-261-2144 or titleixteam@pvamu.edu. More information can be found at www.pvamu.edu/titleix, including confidential resources available on campus.

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<thead>
<tr>
<th>Protections and Accommodations for Pregnant and Parenting Students</th>
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<tr>
<td>The U.S. Department of Education's Office for Civil Rights (OCR) enforces, among other statutes, Title IX of the Education Amendments of 1972. Title IX protects people from discrimination based on sex, sexual orientation, and gender identity in education programs or activities that receive federal financial assistance. This protection includes those who may be pregnant and parenting. Title IX states: “No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.” Students seeking accommodations related to pregnancy or parenting should contact the Office of Title IX for information, resources, and support at <a href="mailto:titleixteam@pvamu.edu">titleixteam@pvamu.edu</a>. Additional information and/or support may be provided by the Office of Disability Services or the Office of the Dean of Students.</td>
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<tr>
<th>Non-Discrimination Statement</th>
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<tbody>
<tr>
<td>Prairie View A&amp;M University does not discriminate on the basis of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity in its programs and activities. The University is committed to supporting students and complying with the Texas A&amp;M University System non-discrimination policy. It seeks to establish an environment that is free of bias, discrimination, and harassment. If you experience an incident of discrimination or harassment, we encourage you to report it. If you would like to speak with someone who may be able to afford you privacy or confidentiality, there are individuals who can meet with you. The Director of Equal Opportunity &amp; Diversity has been designated to handle inquiries regarding the non-discrimination policies, and can be reached at Harrington Science Building, Suite 109 or by phone 936-261-1744 or 1792.</td>
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<tr>
<th>Student Academic Appeals Process</th>
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<tr>
<td>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 University Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint. Students can file Academic Complaints and/or Grade Appeals at this webpage.</td>
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<tr>
<th>Student Support and Success</th>
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<tbody>
<tr>
<td><strong>John B. Coleman Library</strong></td>
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<tr>
<td>The library and its partners have as their mission to provide resources and instructional material in support of the evolving curriculum, as a partner in Prairie View A&amp;M University's mission of teaching, research, and service and to support the University's core values of access and quality, diversity, leadership, relevance, and social responsibility through emphasis on ten key areas of service. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty. Phone: 936-261-1500; Website: J. B. Coleman Library.</td>
</tr>
<tr>
<td><strong>Academic Advising Services</strong></td>
</tr>
<tr>
<td>Academic Advising Services offers students a variety of services that contributes to student success and leads towards graduation. We assist students with understanding university policies and procedures that affect academic progress. We support the early alert program to help students get connected to success early in the semester. We help refer students to the appropriate academic support services when the student is unsure of the best resource for their needs. Some students are supported by faculty advisors in their respective colleges. Your faculty advisor can be identified in PantherTracks. Advisors with</td>
</tr>
</tbody>
</table>
Academic Advising Services are available to all students. We are located across campus. You can find your advisor’s location by academic major at the Academic Advising Website. Phone: 936-261-5911.

The University Tutoring Center
The University Tutoring Center (UTC) offers free tutoring and academic support to all registered PVAMU students. The mission of the UTC is to help provide a solid academic foundation that enables students to become confident, capable, independent learners. Competent and caring staff and peer tutors guide students in identifying, acquiring, and enhancing the knowledge, skills, and attitudes needed to reach their desired goals. Tutoring and academic support is offered face-to-face in the UTC, in virtual face-to-face sessions, and through online sessions at PVPlace. Other support services available for students include Supplemental Instruction, Study Break, Academic Success Workshops, and Algebra Study Jam. Location: J. B. Coleman Library, Rm. 307; Phone: 936-261-1561; Email: pvtutoring@pvamu.edu; Website: University Tutoring Center.

Academic Early Alert
Academic Early Alert is a proactive system of communication and collaboration between faculty, academic advisors, and PVAMU students that is designed to support student success by promptly identifying issues and allowing for intervention. Academic Early Alert helps students by providing a central location to schedule advising appointments, view advisor contact information, and request assistance. Students who recognize that they have a problem that is negatively affecting their academic performance or ability to continue school may self-refer an Academic Early Alert. To do so, students will log in to PVPlace and click on Academic Early Alert on the left sidebar. Phone: 936-261-5902; Website: Academic Early Alert.

Student Counseling Services
The Student Counseling Services unit offers a range of services and programs to assist students in maximizing their potential for success: short-term individual, couples, and group counseling, as well as crisis intervention, outreach, consultation, and referral services. The staff is licensed by the State of Texas and provides assistance to students who are dealing with academic skills concerns, situational crises, adjustment problems, and emotional difficulties. Information shared with the staff is treated confidentially and in accordance with Texas State Law. Location: Hobart Taylor, 2nd floor; Phone: 936-261-3564; Website: Student Counseling Services.

Office of Testing Services
Testing Services serves to create opportunities by offering suite of exams that aid in the students’ academic and professional success. Currently we administer entrance (HESI A2), college readiness (TSI assessment), Prior Learning (CLEP, DSST), and proctored exams. Location: Wilhelmina Delco, 3rd Floor, Rm. 305; Phone: 936-261-3627; Email: aetesting@pvamu.edu; Website: Testing Services.

Office of Diagnostic Testing and Disability Services
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, contact the Office of Disability Services. As a federally-mandated educational support unit, the Office of Disability Services serves as the repository for confidential disability files for faculty, staff, and students. For persons with a disability, the Office develops individualized ADA letters of request for accommodations. Other services include: learning style inventories, awareness workshops, accessibility pathways, webinars, computer laboratory with adapted hardware and software, adapted furniture, proctoring of non-standardized test administrations, ASL interpreters, ALDs, digital recorders, livescribe, and a comprehensive referral network across campus and the broader community. Location: Hobart Taylor, Rm. 1D128; Phone: 936-261-3583; Website: Disability Services.

Center for Instructional Distance Learning, also referred to as Distance Education, is the employment of alternative instructional delivery methods to extend programs and services to persons

ARCH 5351 RESEARCH SEMINAR COURSE SYLLABUS
PRAIRIE VIEW A&M UNIVERSITY SCHOOL OF ARCHITECTURE
8
**Innovation and Technology Services (CIITS)**

Unable to attend college in the traditional manner. The Center for Instructional Innovation and Technology Services (CIITS) supports student learning through online, hybrid, web-assisted and 2-way video course delivery. For more details and contact information, visit: [CIITS Student Webpage](#); Phone: 936-261-3283.

**Veteran Affairs**

Veteran Services works with student veterans, current military and military dependents to support their transition to the college environment and continued persistence to graduation. The Office coordinates and certifies benefits for both the G.I. Bill and the Texas Hazlewood Act. Location: Evans Hall, Rm. 102; Phone: 936-261-3563; Website: [Veteran Affairs](#).

**Office for Student Engagement**

The Office for Student Engagement delivers comprehensive programs and services designed to meet the co-curricular needs of students. The Office implements inclusive and accessible programs and services that enhance student development through exposure to and participation in diverse and relevant social, cultural, intellectual, recreational, community service, leadership development and campus governance. Location: Memorial Student Center, Rm. 221; Phone: 936-261-1340; Website: [Office for Student Engagement](#).

**Career Services**

Career Services supports students through professional development, career readiness, and placement and employment assistance. The Office provides one-on-one career coaching, interview preparation, resume and letter writing, and career exploration workshops and seminars. Services are provided for students at the Northwest Houston Center and College of Nursing in the Medical Center twice a month or on a requested basis. Distance Learning students are encouraged to visit the Career Services website for information regarding services provided. Location: Anderson Hall, 2nd floor; Phone: 936-261-3570; Website: [Career Services](#).

### Technical Considerations for Online and Web-Assist Courses

<table>
<thead>
<tr>
<th>Minimum Hardware and Software Requirements</th>
<th>Minimum Recommended Hardware and Software:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Intel PC or Laptop with Windows 10 or later version; Mac with OS High Sierra*</td>
<td></td>
</tr>
<tr>
<td>- Smartphone or iPad/Tablet with Wi-Fi*</td>
<td></td>
</tr>
<tr>
<td>- High speed Internet access</td>
<td></td>
</tr>
<tr>
<td>- 8 GB Memory</td>
<td></td>
</tr>
<tr>
<td>- Hard drive with 320 GB storage space</td>
<td></td>
</tr>
<tr>
<td>- 15” monitor, 800x600, color or 16 bit</td>
<td></td>
</tr>
<tr>
<td>- Sound card w/speakers</td>
<td></td>
</tr>
<tr>
<td>- Microphone and recording software</td>
<td></td>
</tr>
<tr>
<td>- Keyboard &amp; mouse</td>
<td></td>
</tr>
<tr>
<td>- Most current version of Google Chrome, Safari or Firefox</td>
<td></td>
</tr>
</tbody>
</table>

*Smartphone, Google Chrome books and Android tablets may not be supported. iPads are the only tablets supported.

**Note:** Be sure to enable Java & pop-ups in the Web browser preferences.

**Participants should have a basic proficiency of the following computer skills:**

- Sending and receiving emails
- A working knowledge of the Internet
- Microsoft Word (or a program convertible to Word)
- Acrobat PDF Reader
- Windows or Mac OS
- Video conferencing software

**Netiquette (online etiquette):**

Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others on discussions boards.
Foul or abusive language will not be tolerated. Do not use ALL CAPS for communicating to others AS IT CAN BE INTERPRETED AS YELLING. Avoid slang terms such as “wassup?” and texting abbreviations such as “u” instead of “you.” Limit and possibly avoid the use of emoticons. Be cautious when using humor or sarcasm as tone is sometimes lost in an email or discussion post and the message might be taken seriously or sound offensive.

### Video Conferencing Etiquette

When using Zoom, WebEx or other video conferencing tools, confirm the visible area is tidy, clear of background clutter, inappropriate or offensive posters, and other distractions. Ensure you dress appropriately and avoid using high traffic or noisy areas. Stay muted when you are not speaking and avoid eating/drinking during session. Before class session begins, test audio, video and lighting to alleviate technology issues.

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.

During the first week of class each student will be required to acknowledge by replying to a Posting stating that you have reviewed and understand the following Online Netiquette Policy for the course.

1. **Discussion/Zoom / Webcam Behavior**
   - When in a Zoom meeting or utilizing your webcam, be sure to act and dress as professionally as you can. You should look the same as you would if we were meeting face-to-face in the instructor’s office or in class. You should be sitting up in a chair and not laying down. Consider how you might look if you were going to be interviewed for a job via Zoom. If you feel as though your behavior or appearance would reflect negatively on you during that situation you are advised against it. You should also try to keep your physical environment where you are working on the class to be as quiet as possible. If there is a television or loud music playing in the background try to limit it, as it can inhibit your ability to be easily heard and understood.
     - Be properly dressed- hair bonnets, caps, pajamas, etc., will not be acceptable when attending class and participating in the discussions.
     - Be punctual
     - Be kind to each other
     - Please mute microphones when lecture is in session
     - Have fun!

2. When posting discussions or e-mailing one another, please be respectful of what you write. Inappropriate language will not be tolerated, and the instructor has the right to determine what is inappropriate. **Disrespectful students are subject to discipline or dismissal from the online learning platform for this course.** All activities in the classroom will follow standards set in the Student Handbook.

3. When creating/posting images do NOT use graphics that have sexual, political or religious implications. If you are unsure if a certain graphic is appropriate, email your instructor privately.

4. Address your peer or instructor with their names for each post or email

5. Do not use ALL CAPS for postings or unnecessary exclamation marks, and not use text messaging-style for official assignment postings & email to the instructor. Caps where appropriate, example proper nouns and at the beginning of each sentence.

6. When posting critiques, try to be positive with your remarks, at the same time well-seasoned with ideas and comments how your peers can improve their work.

7. This course requires that you give support and feedback to your classmate’s works. If you see that someone does not have any comments made, please review your classmate’s works by posting feedback.

8. Aim at getting your discussion assignments & projects in early. (The instructor permits revisions for better grades, most important personal enrichment and improvement if assignment is posted before the due date.) Late assignments or discussions can slow the class down and will not benefit you as the learner.

9. Include references with your answers when it is cited from. Do not violate copyright laws.

10. Respect examples of Students Works posted online. They are posted as a guide.
Technical Support: Students should go to the Password Reset Tool if they have password issues. The page will provide instructions for resetting passwords and contact information if login issues persist. For other technical questions regarding eCourses, call the Center for Instructional Innovation and Technology Services (CIITS) at 936-261-3283 or email ciits@pvamu.edu.

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

ASSIGNMENTS are due at the start of the class session. No late work will be accepted without proper documentation.

All DISCUSSION FORUMS have two due dates. The first one is the deadline to post your substantive post (without losing credit), and the second one is to finish up with your responses. This is designed to allow ample time after everyone has answered the question for class discussion. Be sure to check the due dates on the assignment and schedule documents for each module.

Last-minute posts that do not provide time for other students to respond will not be counted as 'substantial' replies. This is the same as shouting as a response as you walk out of a room. Your substantive replies should be posted in time for others to respond. The final due date of the discussion is for finishing up the discussion. If you have questions about this, don’t hesitate to post in the class FAQ forum.

Grade and Evaluation

Grades for assignments, submissions and exams will be posted within seven (7) business days from the due date. You will be notified if those circumstances change. Responses will usually provide a grade and written feedback as well.

Emails will be responded via email within 24 hours Monday-Friday before 5:00 PM. There will not be a response to emails asking about the class discussion (check your weekly schedule).

Please send all correspondences to the instructor’s Canvas’ portal. Do not send any course materials, assignments, questions or any email(s) to the instructor’s PV’s webmail Outlook account. This method will allow the instructor to track you and all correspondences to better serve your needs in a timely manner.

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 and obtain guidance, go to the NAAB website, www.naab.org and access “NAAB 2020 Conditions for Accreditation.”

<table>
<thead>
<tr>
<th>Performance Criteria</th>
<th>Ability ✓</th>
<th>Understanding ✓</th>
<th>Course Learning Competencies (T, R, I)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Taught T</td>
<td>Reinforced R</td>
<td>Utilized/Integrated I</td>
</tr>
</tbody>
</table>

STUDENT CRITERIA 1: Health, Safety and Welfare in the Built Environment (Understanding Level)

1.A. Impact of Built Environment on Human Health (Understanding)
1.B. Impact of Built Environment on Safety (Understanding)
1.C. Impact of Built Environment on Welfare at Multiple Scales,
## STUDENT CRITERIA 2: Professional Practice (Understanding Level)

2.A. Professional Ethics (Understanding)
2.B. Regulatory Requirements (Understanding)
2.C. Fundamental business processes (Understanding)

## STUDENT CRITERIA 3: Regulatory Context (Understanding Level)

3.A. Life Safety (Understanding)
3.B. Land Use (Understanding)
3.C. Current Laws and Regulations (Understanding)

## STUDENT CRITERIA 4: Technical Knowledge (Understanding Level)

4.A. Emerging Systems of Building Construction (Understanding)
4.B. Emerging Technologies of Building Construction (Understanding)
4.C. Emerging Assemblies of Building Construction (Understanding)
4.D. Methods and Criteria to Assess use of 4.C. (Understanding)

## STUDENT CRITERIA 5: Design Synthesis (Skill Level)

5.A. Make Design Decisions within Architectural Projects (Ability)
5.B. Demonstrate Synthesis of User Requirements (Ability)
5.C. Demonstrate Synthesis of Regulatory Requirements Ability
5.D. Demonstrate Synthesis of Site Conditions (Ability)
5.E. Demonstrate Synthesis of Accessible Design (Ability)
5.F. Demonstrate Measurable Environmental Impacts on Design (Ability)

## STUDENT CRITERIA 6: Building Integration (Skill Level)

6.A. Demonstrate Integration of Building Envelope Systems (Ability)
6.B. Demonstrate Integration of Building Assemblies (Ability)
6.D. Demonstrate Integration of Structural Systems (Ability)
6.E. Demonstrate Integration of Environmental Controls (Ability)
6.F. Demonstrate Integration of Life Safety (Ability)
6.G. Measurable Outcomes of Building Performance (Ability)

## 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</th>
<th>Dates/Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration/Assembly Dates</td>
<td></td>
<td>Dates exam scores will be posted</td>
</tr>
<tr>
<td>Key Dates</td>
<td></td>
<td>Holidays</td>
</tr>
<tr>
<td>Graduation Applications</td>
<td></td>
<td>Guest lectures</td>
</tr>
<tr>
<td>Dates for Exams</td>
<td></td>
<td>Project Team Workshop</td>
</tr>
</tbody>
</table>
# 16 WEEK CALENDAR

## Week One: Topic August 22-26, 2022
### Phase
Introduction & Course Syllabus

### Assignment (s): Class Segment #1: Pre-design- Lecture: Duality, Architecture Programming
- Review syllabus and sign last page and turn in on Wednesday 08.31.2022.
- Introduce Exercise 01

### University Events:
- **August 22, 2022** | TUITION AND FEES PAYMENT DUE DATE @ 5:00 PM
- **August 22-29, 2022** | LATE REGISTRATION (FEE: $50.00)
- **August 23-31, 2022** | ATTENDANCE REPORTING PERIOD (ND/SH). Students who do not attend class during this period will have their courses removed and financial aid reduced or cancelled.

## Week Two: Topic August 29-Sept 2, 2022
### Phase
Programming: Context Analysis

### Assignment (s): Class Segment #2: Site & Context – Video: Power of Ten
- See handout.
- Exercise 01 due / Introduce Exercise 02

### University Events:
- **September 2, 2022** | Financial Aid Refunds Begin

## Week Three: Topic September 5-9, 2022
### Phase
Programming: Context Analysis

### Assignment (s): Class Segment #3: Site & Context – Lecture: Critical Regionalism
- See handout.
- Continue working on Exercise 02

### University Events:
- **September 5, 2022 [Monday]** | LABOR DAY (University Closed; subject to TAMUS Board of Regents)
- **September 7, 2022 [Wednesday]** | CENSUS DATE (12TH CLASS DAY)

## Week Four: Topic September 12-16, 2022
### Phase
Programming: Site Analysis

### Assignment (s): Class Segment #4: Environmental sustainability – Lecture: Shotgun Chameleon
- See handout.
- Exercise 02 due / Introduce Exercise 03

### University Events:
- **September 13, 2022 [Tuesday]** | DROP FOR NON-PAYMENT OF TUITION AND FEES @ 5:00 PM.
- **September 14, 2022 [Wednesday]** | PVAMU Construction Science Career Fair 9:00 AM- 4:00 PM
### Week Five: Topic September 19-23, 2022
**Phase:** Programming: Site Analysis  
**Assignment (s):**  
Class Segment #5: Social Equity & Cultural Sustainability – Lecture: This O House  
- See handout.  
- Continue working on Exercise 03

**University Events:**  
- September 19, 2022 [Monday]  
  - CENSUS DATE (20th CLASS DAY)  
  - FINAL DAY TO DROP/WITHDRAW FROM COURSE WITHOUT ACADEMIC RECORD.  
- September 20, 2022 [Tuesday]  
  - WITHDRAWAL FROM COURSES “WITH ACADEMIC RECORD” (W) BEGINS.

### Week Six: Topic September 26-30, 2022
**Phase:** Programming: Site Analysis  
**Assignment (s):**  
Class Segment #6: Economical Sustainability – Lecture: The Quarter House  
- See handout.  
- Continue working on Exercise 03 and prepare Book 1 for review.

**University Events:**

### Week Seven: Topic October 3-7, 2022
**Phase:** Research: Precedent Analysis  
**Assignment (s):**  
Class Segment #7: Book 1 Review (Information from Exercises 01, 02, & 03)  
- See handout.  
- Exercise 03 Due

**University Events:**

### Week Eight: Topic October 10-14, 2022
**Phase:** Midterm  
**Assignment (s):**  
Class Segment #8: Precedent: Program & Form  
- See handout.  
- Midterm Book 1 Submission  
- Introduce Exercise 04

**University Events:**  
- October 13-15, 2022 [Thursday-Saturday]  
  - Mid-Term Exams

### Week Nine: Topic October 17-21, 2022
**Phase:** Research: Precedent Analysis  
**Assignment (s):**  
Class Segment #9: Precedent: Construction Budget  
- See handout.  
- Continue working on Exercise 04
<table>
<thead>
<tr>
<th>Week Ten: Topic</th>
<th>October 24-28, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase</td>
<td>Research: Building Code Analysis</td>
</tr>
</tbody>
</table>
| Assignment (s):| Class Segment #10: Building Type & Building Code  
|                | - See handout.  
|                | - Exercise 04 due / Introduce Exercise 05 |

<table>
<thead>
<tr>
<th>University Events:</th>
<th>October 27, 2022 [Thursday]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FALL 2022 GRADUATION: FINAL DATE TO APPLY FOR GRADUATION! (Ceremony participation)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University Events:</th>
<th>October 28, 2022 [Friday]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FALL 2022 GRADUATION: Application for Graduation-Degree Conferral Only Begins. (NO ceremony participation or name listed in program.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week Eleven: Topic</th>
<th>October 31-Nov 4, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase</td>
<td>Research: Building Cost Analysis</td>
</tr>
</tbody>
</table>
| Assignment (s):    | Class Segment #11: Building Cost  
|                    | - See handout.  
|                    | - Exercise 05 due / Introduce Exercise 06 |

<table>
<thead>
<tr>
<th>University Events:</th>
<th>November 2, 2020 [Monday]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FINAL DAY TO WITHDRAW FROM COURSES WITH ACADEMIC RECORD (&quot;W&quot;) ENDS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week Twelve: Topic</th>
<th>November 7-11, 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase</td>
<td>Research Documentation</td>
</tr>
</tbody>
</table>
| Assignment (s):    | Class Segment #12: Prepare book 2 draft  
|                    | - See handout.  
|                    | - Exercise 06 due / Prepare book 2 draft |

<table>
<thead>
<tr>
<th>University Events:</th>
<th>November 7, 2022 [Monday]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Registration Period for continuing students for Spring Semester 2023 including December/January Mini-Mester. (Special Populations)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University Events:</th>
<th>November 8, 2022 [Tuesday]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority Registration Period for continuing students for Spring Semester 2023 including December/January Mini-Mester. (Masters and Seniors)</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Event Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>November 9, 2022</td>
<td>Priority Registration Period for continuing students for Spring Semester 2023 including December/January Mini-Mester. (Juniors)</td>
</tr>
<tr>
<td>November 10, 2022</td>
<td>Priority Registration Period for continuing students for Spring Semester 2023 including December/January Mini-Mester. (Sophomores)</td>
</tr>
<tr>
<td>November 11, 2022</td>
<td>Priority Registration Period for continuing students for Spring Semester 2023 including December/January Mini-Mester. (Freshmen)</td>
</tr>
</tbody>
</table>

**Week Thirteen: Topic November 14-18, 2022**

**Phase:** Research Documentation  
**Assignment(s):**  
- **Class Segment #13: Presentation of book 2 draft**  
  - See handout.  
  - Prepare book 2 / Present book 2 draft

**University Events:**

- 

**Week Fourteen: Topic November 22-26, 2021**

**Phase:** Research Documentation  
**Assignment(s):**  
- **Class Segment #14: Presentation of book 2 draft**  
  - See handout.  

**University Events:**

- November 24-26, 2022  
  - [Thursday-Saturday]  
  - THANKSGIVING (UNIVERSITY CLOSED)

**Week Fifteen: Topic Nov 28-Dec 2, 2022**

**Phase:** Final Preparation  
**Assignment(s):**  
- Book 2 due on December 4, 2022

**University Events:**

- November 29, 2022  
  - [Tuesday]  
  - Last day of class for Fall Semester 2022!  
  - Last Day to Withdraw from a Course or the University (“W”) for the Fall Semester 2022  
- November 30, 2022  
  - [Wednesday]  
  - Study Day (No classes in Session)  
- December 1-2, 2022  
  - [Thursday-Friday]  
  - FINAL EXAMINATION PERIOD  
- December 2, 2022  
  - [Friday]  
  - FALL 2022 GRADUATION: Final Day to Apply for Graduation-Degree Conferral Only. (NO ceremony participation or name listed in program.)
| Week Sixteen | | |
| --- | --- |
| | December 5-7, 2022 [Monday-Wednesday] | FINAL EXAMINATION PERIOD |
| | December 8, 2022 [Thursday] | FINAL GRADES FOR GRADUATION CANDIDATES DUE BY 12:00 PM! |
| | December 10, 2022 [Saturday] | COMMENCEMENT |
| | December 13, 2022 [Tuesday] | FINAL GRADES DUE FOR ALL STUDENTS BY 11:59 PM! |
| | December 23, 2022- January 1, 2023 [Friday-Sunday] | WINTER BREAK (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 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.
STATEMENT OF AGREEMENT
I have read the Course Syllabus for ARCH 5351 for the Fall Semester 2022, 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

____ZUI NG__________________________        ____________
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: ________________________________