



**PRAIRIE VIEW
A&M UNIVERSITY**



PRAIRIE VIEW A&M UNIVERSITY
SCHOOL OF ARCHITECTURE
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SYLLABUS

Course Title:	Computer Aided Design			Spring 2024	
Course Prefix:	ARCH	Course No.:	1315	Section No.:	P02-23821



"Inspiration exists, but it has to find you working."
- Pablo Picasso

	Department: <input checked="" type="checkbox"/> School of Architecture
Class Meeting Days & Times:	TUESDAY and THURSDAY 11:00 AM to 12:20 PM
Catalog Description:	(3-0) Credit 3 semester hours. Introduction to the range and potential of computer aided design and electronic media in problem solving and conceptual design
Prerequisites:	none
Mode of Instruction:	<input checked="" type="checkbox"/> Face-to-face <input type="checkbox"/> On-line <input type="checkbox"/> Hybrid
Instructor:	Abel Simie, M. Arch , Fabrication Center Manager
Office Location:	Fabrication Center, Prairie View A&M University, Room 105
Office Telephone:	(936) 261-9857
Email Address:	atsimie@pvamu.edu
Office Hours:	Monday, Wednesday and Friday 1:00-2:00 PM, and by appointment. Students are advised to make appointments with the professor ahead of time and be specific with the subject matter to be discussed
Required Text:	<u>none</u>

ARCH 1315

Computer Aided Design

Abel T. Simie, M. Arch

PRAIRIE VIEW A&M UNIVERSITY

SCHOOL OF ARCHITECTURE

Required Notebook:	A notebook with lined paper spiral or bound is required for taking notes in class. NOTE: This notebook will be collected at RANDOM/UNANNOUNCED and graded.
Recommended Text:	<ol style="list-style-type: none"> 1. Autodesk AutoCAD 2021 Fundamentals, By Elise Moss, c 2020 ISBN: 978-1-63057-346-1 2. Revit 2020 (21 or 22) for Architecture: No Experience Required 2nd Edition, ISBN: 13: 978-1119560081
Required Software:	<p>The required software is PC-not Mac software. The response time for Mac is sluggish, commands run slowly or hang up after executed, object selection lag, mouse movements are slow, hang, skip and or hesitate, the program intermittently pauses or freezes, and more importantly, drawing files are slow to open.</p> <p>NOTE: If you decide to use a Mac you must install the Windows (10 Pro or above) for Mac software for Revit and AutoCAD.</p>
Required Download:	<p>All students are required to download the two Free Student versions of AutoCAD AND Revit Now. It is free. All students must be ready to draw on the first day of class to avoid spending time IN CLASS downloading software. Do not wait until the first day of class to download this required software. DO IT NOW-Today!!</p> <p>All students are eligible to receive free AutoCAD and Revit software.</p>

Course Goals and Overview:



The goal of this course is to introduce the beginning student to basic and advanced procedures using computer-aided drawing and to enable students to be proficient in editing building and construction drawings. Introduction to the range and potential of computer aided design and electronic media in problem solving and conceptual design.

Course Outcomes/Learning Objectives:

At the end of this course, the students will:

1	Understand differences between the terms BIM and CAD and their software capacities	
2	Demonstrate the ability to be proficient in creating technical documents	
3	Demonstrate the ability to be proficient in all editing and drawing commands.	
4	Be able to Size, Scale and Plot drawings using architectural and engineering scales accurately	
5	Be able to construct 2 & 3 dimensional drawings using proper material assemblies and families	

Course Requirements & Evaluation Methods

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

- **Major/Final Drawing Projects:** Written tests designed to measure knowledge of presented course material
- **Drawing Projects:** Assignments designed to measure ability to apply presented course material
- **Class Attendance/Participation and Lecture Notes:** Attendance and participation in class discussion and taking (writing) all lecture notes in your prescribed notebook that will be a-collected at random and graded.

Grading Matrix

A – (high pass) On time. Exceptional performance; strongly exceeding the requirements of the course problem, showing strong academic initiative and independent resourcefulness. **90 to 100 Points**

B – (pass) On time. Performance is above the norm/average; accurate and complete; beyond the minimum requirements of the course problem; work demonstrates marked progress and initiative. **80 to 89.99 Points**

C – (pass) On time. 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. **70 to 79.99 Points**

D – (low pass) unsatisfactorily meets minimum requirements; demonstrates minimum comprehension of the course problem, communication skills, and effort. initiative lacking; improvement not noticeable. **60 to 69.99 Points**

F – (fail) does not meet minimum requirements; fails to adequately demonstrate comprehension of the course problem, communication skills, and effort requiring repeating the course. 59.99 and below

Instrument	Value (points or percentages)	Total
ATTENDANCE*	Class attendance & physical presences	30 %
Semester Notebook 2pts. ea.= 5/10	NOTE: This notebook will be collected at random, unannounced and graded.	10 %
Weekly Drawings	10 @ 10 pts. ea.	100 %
Quiz	2 @ 10 pts. ea.	20 %
Final Drawing Projects	2 @ 20 pts ea.	40 %
Total:		200%

Course Procedures:

CANVAS	CANVAS 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.
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 to grade of "F". Excessive absenteeism is defined as accumulated absences greater than 20% OR >6 absences. Absences are accumulated beginning with the first day of class during regular semesters and summer terms.
Instructor's Attendance and Participation Policy	Prairie View A&M University requires regular class attendance. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced to grade of "F". <u>Excessive absenteeism is determined to be absences accrued that are greater than 25% of the total number of required days for that semester and class. Absences are accumulated</u>

	<p>of class during the semester terms.</p> <p>Participation and absences are accumulated beginning with the first day of class on January 16, 2024.</p> <p>Each Absence will be deducted -2pts.</p> <p>Each Late instance (greater than >5 minutes) will be deducted as -1pt.</p> <p>Each Tardy instance (less than <5 minutes) will be deducted - .5 pts.</p> <p>(NOTE: The CANVAS absentee record is not accurate and will not be used)</p> <p>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:</p> <ol style="list-style-type: none"> 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. <p><u>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 absences. Emails are not and will not be excepted as a valid excuse. Emails sent to the instructor must include the documentation along with it that is needed for verification.</u></p> <p>NOTE: If you are late submitting your work in class or on-line for ANY reason, you must attach your work along with the email with your excuse. All late work will be deducted 20% of the original earned grade.</p>
<p>Personal Conduct</p>	<p>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:</p> <ol style="list-style-type: none"> 1. During regular class periods <u>all students are expected to dress appropriately</u> in accordance with university regulations so that no disruptions in the learning experience will occur. 2. <u>No hats or caps will be allowed to be worn in the classroom during class sessions.</u> 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

	<p>daily participation points based upon that decision.</p> <ol style="list-style-type: none"> 3. <u>Dress Code for Presentations:</u> Professional dress is expected for all design and technical presentations in class. 4. Students should <u>not be eating food or consuming drinks</u> during the discussion sessions. No food or drink is allowed in the classroom at any time. 5. <u>Cellular telephones are to be turned off or put on silent ring tone</u> during the class period. Texting is strictly prohibited during the class period. No “earphone” 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. <u>Laptops must emit no noise.</u> 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. <u>Harassment</u> of your fellow students of any kind will not be tolerated.
Class Conduct	<p>Please note the following rules for the conduct of the class.</p> <ol style="list-style-type: none"> 1. <u>Class will begin at the appointed time.</u> 2. <u>Class is dismissed when so indicated by the instructor.</u> Students are expected to be on time and stay throughout the entire class period. Leaving the classroom presentation or discussion board before the class is dismissed without prior approval from the instructor will result in a loss of participation for that class.
Formatting Documents:	<p>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.</p>
Exam Policy:	<p>Exams and quizzes will be announced online via Canvas as scheduled. Quizzes shall be taken as scheduled. No makeup examinations will be allowed except under documented emergencies (See Student Handbook).</p>
University Rules and Procedures:	
Disability Statement (See Student Handbook):	<p>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.</p>
Academic Misconduct (See Student Planner):	<p>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 <i>University Administrative Guidelines on Academic Integrity</i>). 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</p>

	review and action as outlined in the PVAMU Student Planner.
Forms of Academic Dishonesty:	<ol style="list-style-type: none"> 1. <u>Cheating:</u> 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. <u>Anyone caught cheating will receive a failing grade and is therefore advised to drop the class.</u> 2. <u>Plagiarism:</u> 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. <u>Multiple Submission:</u> 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. <u>Conspiracy:</u> Agreeing with one or more persons to commit an act of academic/scholastic dishonesty. 5. <u>Fabrication of Information/Forgery:</u> 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 Planner):	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. More information can be found at the Title IX Webpage including confidential resources available on campus.

Pregnancy, Pregnancy-related, and Parenting Accommodations	Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) are encouraged to contact Student Disability Services or the Dean of Students' Office for additional information and to request accommodations.
Non-Discrimination Statement	Prairie View A&M University does not discriminate based on 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&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 & 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.
Student Academic Appeals Process	<p>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 following the following:</p> <ol style="list-style-type: none"> 1. Within 5 days the student will appeal the grade with the faculty and attempt to resolve the discrepancies. 2. After failing to resolve the issues with the faculty, the student within 7days after receiving the faculty response the student can appeal his grade to the Department Chair, who will assemble a review committee and attempt to resolve the issues. 3. After receiving a response from the Department Chair the student is it is still not satisfying, he can then in turn submit an appeal to the Dean of the school. The Dean will take all the issues at hand and will decide. 4. If the student feels the need to further attempt to resolve their grievance, they can then appeal his grade through the university with the University Policies. <p>The procedure is listed in the University Catalog and must be done within 5 days after the Dean's response regarding the issues that prompted the initial complaint. Students can file Academic Complaints and/or Grade Appeals after discussion the issues with the faculty then the student can start a review process at the PVAMU WEBSITE.</p>
Student Support and Success:	
John B. Coleman Library	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&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 .
Academic	Academic Advising Services offers students a variety of services that contributes to student

Advising Services	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 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, 2 nd 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, 3 rd 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 Innovation and Technology Services (CIITS)	Distance Learning, also referred to as Distance Education, is the employment of alternative instructional delivery methods to extend programs and services to persons 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, 2 nd floor; Phone: 936-261-3570; Website: Career Services .
Technical Considerations for Online and Web-Assist Courses:	
Minimum Hardware and Software Requirements	Minimum Recommended Hardware and Software: <ul style="list-style-type: none"> • Intel PC or Laptop with Windows 10 or later version; Mac with OS High Sierra* • Smartphone or iPad/Tablet with Wi-Fi* • High speed Internet access • 8 GB Memory • Hard drive with 320 GB storage space • 15" monitor, 800x600, color or 16 bit • Sound card w/speakers • Microphone and recording software • Keyboard & mouse

	<ul style="list-style-type: none"> • Most current version of Google Chrome, Safari or Firefox <p>*Smartphone, Google Chrome books and Android tablets may not be supported. iPads are the only tablets supported.</p> <p>Note: Be sure to enable Java & pop-ups in the Web browser preferences</p> <p>Participants should have a basic proficiency of the following computer skills:</p> <ul style="list-style-type: none"> • 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
<p>Netiquette (online etiquette):</p>	<p>Students are expected to participate in all discussions and virtual classroom chats as directed. Students are to be respectful and courteous to others. 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 in an email or discussion post and the message might be taken seriously or sound offensive.</p>
<p>Video Conferencing Etiquette</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>1. Discussion/Zoom / Webcam Behavior</p> <p>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.</p> <ul style="list-style-type: none"> ❑ Be properly dressed- hair bonnets, caps, pajamas, etc., will not be acceptable when attending class and participating in the discussions.

	<ul style="list-style-type: none"> <input type="checkbox"/> Be punctual <input type="checkbox"/> Be kind to each other <input type="checkbox"/> Please mute microphones when lecture is in session <p>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</p> <ol style="list-style-type: none"> 2. When creating/posting images do NOT use graphics that have sexual, political or religious implications. If you are unsure if you are unsure if a certain graphic is appropriate, email your instructor privately. 3. Address your peer or instructor with their names for each post or email 4. 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. 5. 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. 6. 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. 7. 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. 8. Include references with your answers when it is cited from. Do not violate copyright laws. 9. Respect examples of Students Works posted online. They are posted as a guide.
Technical Support:	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 are due at the start of the class session. No late work will be accepted without proper documentation. Avoid emailing the night before an assignment is due.
Grade and Evaluation	Grades for assignments, submissions and exams will be posted within five (5) 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.

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).

Performance Criteria:	Ability ☑	Understanding ☑	Course Learning Outcomes Competencies (T, R, I)		
			T Taught	R Reinforced	I Integrated

REALM A: Critical Thinking and Representation

ARCH 1315

Computer Aided Design

Abel T. Simie, M. Arch

PRAIRIE VIEW A&M UNIVERSITY

SCHOOL OF ARCHITECTURE

A.4 Technical Documentation		<input checked="" type="checkbox"/>			
16 WEEK CALENDAR					
January 15, 2024		MARTIN LUTHER KING DAY (University Closed) Download AutoCAD Software by Sunday January 18 at midnight			
Week One: Topic – Jan 16, 18		Introduction, Syllabus Outline: Beginning Commands			
		CAD DRAWING ONE: Tripartite Frozen Hominid			
Week Two: Topic – Jan 23,25		Intermediate Commands			
Assignment (s):		CAD DRAWING TWO: Lines and Polylines			
Week Three: Topic – Jan 30, Feb 1		Actual vs. Nominal Sizing			
Assignment (s):		CAD DRAWING THREE: Wood, Block and Brick Sizes			
Week Four: Topic – Feb 6, 8		Stair Design			
Assignment (s):		CAD DRAWING FOUR: Stair Section Drawing			
Week Five: Topic – Feb 13, 15		Site, Floor Plan, Foundation and Elevations			
Assignment (s):		CAD DRAWING FIVE: Contemporary Floor Plan with Site Plan, Foundation, Elevations			
Week Six: Topic – Feb 20, 22		Site, Floor Plan, Foundation and Elevations			
Assignment (s):		CAD DRAWING FIVE CONTINUED: Contemporary Floor Plan with Site Plan, Foundation, Elevations			
Week Seven: Topic – Feb 27, 29		Quiz 1 -Drawing assignment in class. 10 pts. Begin final Project			
Assignment (s):		Final Drawing: THE MOTHER OF ALL SECTIONS			
Week Eight: Topic – Mar 5, 7		FINAL DRAWING			
Assignment (s):		Final AutoCAD PROJECT DUE			

		MID-TERM EXAM GRADES DUE			
March 10 - 17, 2024		SPRING BREAK			

Week Ten: Topic – Mar 19, 21	DRAWING ONE: BEGIN REVIT INTERFACE & COMMANDS
Assignment (s):	OVERVIEW, INTERFACE, FLOOR PLAN, LANDSCAPE AND TOPOGRAPHY
Week Eleven: Topic – Mar 26, 28	REVIT DRAWING TWO
Assignment (s):	KITCHEN COUNTER AND BASE CABINETS
Week Twelve: Topic – Apr 2,4	REVIT DRAWING THREE
Assignment (s):	FOUNDATION, FLOORS, STAIR, RAILING AND ROOF
Week Thirteen: Topic – Apr 9, 11	REVIT DRAWING FOUR
Assignment (s):	SITE PLAN, CONTOURS, BUILDING PAD, HARDSCAPE and LANDSCAPE
Week Fourteen: Topic – Apr 16, 18	REVIT DRAWING FIVE
Assignment (s):	TWO-STORY PLAN, SECTION AND ELEVATION DESIGN
Week Fifteen: Apr 23,25	Begin Final Revit Project:
FINAL WEEK: 5 - TBD	FINAL Revit Project Due 30 Points + Lumion Credits
	<i>HAVE A SAFE HAPPY SUMMER!</i>

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

STATEMENT OF AGREEMENT

I have read the Course Syllabus for **ARCH 1312 P02-23821 Spring Semester 2024**, including the Class Lecture and all Event Schedule, and I agree to abide by the conditions for the class as spelled out in this document. My signature indicates my personal commitment to meet the course objectives and to succeeding in this educational undertaking.

During regular class periods, I will dress and behave appropriately. **Initials** _____

Hats or caps are not allowed to be worn during class sessions. **Initials** _____

I understand that no food or drink are allowed during class time. **Initials** _____

Class attendance will be monitor through Canvas, paper roster. **Initials** _____

At the end of the semester, if I need to appeal my final semester grade, **Initials** _____
I will follow and adhere to the university protocols as described in these syllabi. (Page 7).

Signature-Student

_____/_____/2024
Student name (Please print neatly) Student ID # Date

Signature-Instructor

_____/_____/2024
Instructors name Date

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