



Course Title:	Computer Aided Design		CRN: 10816
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ARCH	Course No.:	1315	Section No.:	P02
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**School of
Architecture**



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

Class Days & Times:	TUESDAY and THURSDAY 9:30 AM to 10:50 AM
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Catalog Description:	3 semester hours. Introduction to the range and potential of computer aided design and electronic media in problem solving and conceptual design.
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Prerequisites:	none
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Co-requisites:	none
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Mode of Instruction:	<input checked="" type="checkbox"/> Face-to-face
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Instructor:	Abel Simie, M. Arch, Fabrication Center Manager
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Office Location:	Fabrication Center, Prairie View A&M University, Room 105
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Office Telephone:	(936) 261-9857
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Email Address:	atsimie@pvamu.edu
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Address:	Prairie View A&M University, P.O. Box 519, Mail Stop 2100, Prairie View, TX 77446
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Office Hours:	Monday, Tuesday, Wednesday, & Thursday 11:00 AM - 12:00 PM. (other hours by appointment).
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Required Text:	Preferably a PC . (see requirements list) Macs are not as compatible Revit 2020 for Architecture: No Experience Required 2nd Edition. ISBN: ISBN: 13-978-1119560081
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Optional Text:	Any AutoCAD or Revit Beginner's Text Book
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Course Goals and Overview:

The goal of this course is to introduce the beginning students to both basic and sophisticated procedures using computer-aided drawing and to enable the student to become proficient in construction and editing of basic and complex technical drawings.

Course Outcomes/Learning Objectives :

At the end of this course, the students will:

	Core Curriculum Outcome Alignment
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1315.1	Understand differences between CAD and BIM and their software capacities	Critical Thinking
1315.2	Demonstrate the ability to be proficient in creating technical drawings	Critical Thinking
1315.3	Demonstrate the ability to be proficient in all editing and drawing commands.	Critical Thinking
1315.4	Be able to Size, Scale and Plot drawings using architectural and engineering scales accurately	Critical Thinking
1315.5	Be able to construct 2 & 3 dimensional drawings using proper material assemblies and families	Critical Thinking

Course Requirements & Evaluation Methods

- **Assignments/Drawings and Notes:** All assignments designed to supplement and reinforce course material
- **Exam:** Written test designed to measure knowledge of presented course material
- **Drawing Projects:** Final Assignment designed to measure the ability to apply presented course material
- **Class Attendance/Participation:** Daily attendance and participation

Grading Matrix

Instrument	Value	Total
ATTENDANCE	Class attendance & physical presences	20 %
Weekly Drawings	12 @ 10 pts.	120 %
Quiz	Mid semester Quiz	25 %
Notebook	Semester Notebook (collected at random!)	25 %
Final Drawing Projects	2 @ 30% ea. (20% graphic & 10% video presentation)	60 %
Total:		250

Grade Determination:

A = 90-100 points - Exceptional Work in effort and quality
B = 80–89.99 points – Above Average Work in effort and quality
C = 70–79.99 points – Average work in effort and quality
D = 60–69.99 points - Below Average and or incomplete work in effort & quality
F = 59.99 points or below – Incomplete work

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 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.

Grade Grubbing:

‘Grade grubbing’ is a new term used when students, harass or pester their instructors over grades when the fault for performance lies with the student.

Examples:

- “Rounding up my grade will help my GPA.”
- “I need a passing grade to keep my scholarship.”
- “I need a passing grade to get off of academic probation/suspension.”
- “Can you give me a few points to get a higher grade?”
- “I understand that you don’t accept late work, but I did the assignment or my part of the group project, can you please make an exception?”
- “I know you do not offer extra credit, but can I bring up my grade?”
- “I misunderstood the instructions. Can I still turn in my assignment late?”
- “I was wondering if there is anything I can do to bring up my grade,
- “I need a passing grade to graduate/get into medical school.”
- “My grade should be rounded up because I worked hard, & came to every class.
- “If I do not get a passing grade, I will be in trouble with my parents.”

Arguing, begging, and pleading with your instructor to alter your academic expectations without taking personal responsibility is harassment, disrespectful, and inappropriate and will be reported to the Office of Student Conduct.

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. More information will be provided during the semester.

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. *Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in the assignment of a grade of "F". Absences are accumulated beginning the first day of class of the semester

POLICY:

A Deduction of 3pts. for ea. Absence; -1pts. for ea. Late (greater than 10min.); and .5pts. for each Tardy (less than 10 min.).

ABSENCE VERIFICATION

Do not submit any excuse to the instructor. If you are not able to complete your weekly tasks and or attend class due to situations beyond your control, you must provide the appropriate documentation for Absence Verification/Temporary Illness using this [Online Reporting Forms](#). Once verified, an absence verification document will be provided to share with faculty members.

EXCUSED ABSENCES

Participation and absences are accumulated beginning with the first day of class on Monday, **August 21, 2023**. If you do not come to class, you may assume that you have received zero (0) points for the class period unless you have a university-approved excuse in one of the following classifications:

1. Participation in an activity appearing on the University authorized activity list.
2. Death or major illness in a student's immediate family.
3. Illness of a dependent family member.
4. Participation in legal proceedings that requires a student's presence.
5. Religious holy day.
6. Confinement because of illness.
7. Required participation in military duties.

***Excessive absenteeism for this course is defined as missing more than 25 percent of unexcused absences (or 8 absences).**

Personal Conduct	<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 discussions, your decision will be respected. However, you should also respect the instructor’s decision not to award you daily participation points based upon that decision. 3. <u>Dress Code for Presentations</u>: 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. 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
	<p>phone rings during the lecture or you are texting, you are subject to losing all participation points for that class period.</p> <ol style="list-style-type: none"> 6. <u>Laptops must be turned off in class unless otherwise instructed by the instructor</u>. Make sure your laptop is warmed up and your battery is 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.
Conduct of the Class	<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 in that class. 3. <u>Lecture Notes and Handouts</u> will be posted on Canvas or sent to your official university email. Handouts distributed during a class period will not be distributed at any other time. It is the student’s responsibility to get a copy from another student or source.
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 Microsoft Word.</p>
Exam Policy:	<p>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 and verification via Academic Affairs</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 be successful in class can be produced.</p>

<p>Academic Misconduct:</p>	<p>Academic dishonesty is defined as any form of cheating or dishonesty that has the effect or intent of interfering with any academic exercise or fair evaluation of a student's performance. The college faculty can provide additional information, particularly related to a specific course, laboratory, or assignment.</p> <p>You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with the <i>University Administrative Guidelines on Academic Integrity</i>, which can be found on the Academic Integrity webpage. Students who engage in academic misconduct are subject to university disciplinary procedures. As listed in the <i>University Administrative Guidelines on Academic Integrity</i>, the University Online Catalog, and the Student Code of Conduct, 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 academic misconduct that is also a violation of criminal law may also be subject to disciplinary review and action by the Office of Student Conduct (as outlined in the Student Code of Conduct).</p>
<p>Forms Of Academic Dishonesty:</p>	<ol style="list-style-type: none"> 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;
	<ol style="list-style-type: none"> 3. Collusion: When more than one student or person contributes to a piece of work that is submitted as the work of an individual; 4. Conspiracy: Agreeing with one or more persons to commit an act of academic/scholastic dishonesty 5. Multiple Submission: Submission of work from one course to satisfy a requirement in another course without explicit permission. Example: using a paper graded for credit in one course to fulfill a requirement and receive credit in a different course.
<p>Nonacademic Misconduct:</p>	<p>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. The Office of Student Conduct will adjudicate such incidents under nonacademic procedures.</p>
<p>Sexual Misconduct</p>	<p>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.</p>

Protections and Accommodations for Pregnant and Parenting Students	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 titleixteam@pvamu.edu . Additional information and/or support may be provided by the Office of Disability Services or the Office of the Dean of Students.
Non-Discrimination Statement	Prairie View A&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&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 at 936-261-1744 or 1792.
Student Academic Appeals Process	Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor’s assessment of their academic performance, the student has a right to appeal by the procedure listed in the 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
Student Support and Success:	

John B. Coleman Library	John B. Coleman Library The John B. Coleman Library’s mission is to enhance the scholarly pursuit of knowledge, foster intellectual curiosity, and promote life-long learning and research through our innovative services, resources, and cultural programs, which support PVAMU’s global mission of teaching, service, and research. It maintains library collections and access both on campus, online, and through local agreements to further the educational goals of students and faculty. Website: https://www.pvamu.edu/library/ ; Phone: 936-261-1500
Academic Advising Services	Academic Advising Services offers students a variety of services that contributes to student success and lead toward 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 they are unsure of the best resource for their needs. Faculty advisors support some students in their respective colleges. Your faculty advisor can be identified in PantherTracks. Advisors with Academic Advising Services are available to all students. Find your advisor's location by academic major at www.pvamu.edu/advising . Phone: 936-261-5911
The University Tutoring Center	The University Tutoring Center (UTC) offers free tutoring and academic support to all registered PVAMU students. Tutoring and academic support are offered in the UTC, in virtual face-to-face sessions (https://www.pvamu.edu/student-success/sass/university-tutoring-center/), and through online sessions (https://www.pvamu.edu/pvplace/). Other support services include Supplemental Instruction, Study Breaks, Academic Success Workshops, and Algebra Study Jam. Location: J. B. Coleman Library, Rm. 307; Phone: 936-261-1561; Email: pvtutoring@pvamu.edu ; Website: https://www.pvamu.edu/student-success/sass/university-tutoring-center/

Writing Center	The Writing Center provides well-trained peer tutors to assist students with writing assignments at any stage of the writing process. Tutors help students with various writing tasks, from understanding assignments, brainstorming, drafting, revising, editing, researching, and integrating sources. Students have free access to Grammarly online writing assistance. Grammarly is an automated proofreading and plagiarism detection tool. Students must register for Grammarly by using their student email address. Location: J. B. Coleman Library, Rm. 209; Phone: 936-261-3724; Website: https://www.pvamu.edu/student-success/writing-center/ ; Grammarly Registration: https://www.grammarly.com/enterprise/signup
Academic Early Alert	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. Students who recognize that they have a problem that is negatively affecting their academic performance or ability to continue school may self-refer to an Academic Early Alert. To do so, students will log in to PV Place and click on Academic Early Alert on the left sidebar. Phone: 936-261-5902; Website: https://www.pvamu.edu/student-success/early-alert/
Student Counseling Services	The Student Counseling Services unit offers a range of services and programs to assist students, 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 assists 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: https://www.pvamu.edu/healthservices/student-counseling-services/
Office of Testing Services	Testing Services serves to create opportunities by offering a 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: www.pvamu.edu/testing
Office of Diagnostic Testing and Disability 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. 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, a computer laboratory with adapted hard and software, adapted furniture, proctoring 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: https://www.pvamu.edu/disabilityservices/
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. For more details and contact information, visit: https://www.pvamu.edu/dlearning/distance-learning-2-2/students-2/ ; Phone: 936-261-3283 Center for Instructional Innovation and Technology Services (CIITS)
Veteran Affairs	Veterans 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: https://www.pvamu.edu/sa/departments/veteranaffairs/

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: https://www.pvamu.edu/studentengagement/
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: https://www.pvamu.edu/careerservices/
Technical Considerations for Online and Web-Assist Courses:	
Minimum Hardware and Software Requirements	<p>Minimum Recommended Hardware and Software:</p> <ul style="list-style-type: none"> • Most current versions of Google Chrome, Safari, or Firefox <p>*Smartphones, 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 basic proficiency in the following computer skills:</p> <ul style="list-style-type: none"> • Sending and receiving emails • Working knowledge of the Internet • Microsoft Word (or a program convertible to Word) • Acrobat PDF Reader • Video conferencing software
Netiquette (online etiquette):	<ol style="list-style-type: none"> 1. When posting discussions or e-mailing one another, please be respectful of what you write. All activities in the classroom will follow standards set in the Student Handbook 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 PROPER SALUTATIONS and their PROPER names for each post or email. E.G., Dear Professor ABC, My name is XYZ, and I am in your (Time and Class No.) and this is my issue...
	<ol style="list-style-type: none"> 4. Do not use ALL CAPS for postings or use text messaging style for official assignment postings & emails to the instructor. Caps where appropriate, for example, proper nouns and at the beginning of each sentence. 5. Include references with your answers when it is cited from. Do not violate copyright laws.
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:	<p>All ASSIGNMENTS are due at the start of the class. No late work will be accepted without proper documentation. This documentation must be submitted to Academic Affairs and subsequently approved by them in order for your absence or missing/late assignment to be remedied. Send all correspondences to the instructor's Canvas portal. If you are unable for any reason to upload your work to CANVAS, email all work directly to the instructor's email by the due date and time for full credit.</p> <p>Do not submit any excuse to the instructor. Submit all your excuses and/or official doctor's notes to Academic Affairs to obtain their official verification and final approval. See below. https://cm.maxient.com/reporting.php?PrairieViewAMUniv</p> <p>DEADLINES. There is a penalty of 20% grade reduction in case of late submission that is within 3 days of the due date. Submissions after that time will not earn any credit.</p>
EMAILS	Emails submitted <u>before 5:00 PM</u> will be responded to by email within 24 hours Monday-Friday.

ACCREDITATION/ASSESSMENT CRITERIA Table No. 1-NAAB CRITERIA

This course is structured to assist the student in meeting 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."


Performance Criteria:	Skill	Understanding	Course Learning Outcomes Competencies (T, R, I)		
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	T Taught	R Reinforced	I Utilized/ Integrated
STUDENT CRITERIA 1: Health, Safety and Welfare in the Built Environment (Understanding Level)					
STUDENT CRITERIA 2: Professional Practice (Understanding Level)					
STUDENT CRITERIA 3: Regulatory Context (Understanding Level)					
STUDENT CRITERIA 4: Technical Knowledge (Understanding Level)	<input checked="" type="checkbox"/>			R	
STUDENT CRITERIA 5: Design Synthesis (Skill Level)		<input checked="" type="checkbox"/>		R	
STUDENT CRITERIA 6: Building Integration (Skill Level)					


ACCREDITATION/ASSESSMENT CRITERIA TABLE No. 2: ACCE CRITERIA

This course is structured to assist the student in meeting the following criteria shown in **Table No. 2** as established by the American Council for Construction Education (ACCE) *Standards and Criteria for Accreditation*. To view the entire list, go to the ACCE website, www.acce-hq.org, and view the "Accreditation Procedures."

Course Learning Outcomes:	Competencies(T, R, I)			ACCE
	T Taug ht	R Reinforc ed	I Utilized/ Integrated	A Assessed

1. Create written communications appropriate to the construction discipline.				
2. Create oral presentations appropriate to the construction discipline.				
3. Create a construction project safety plan .				
4. Create construction project cost estimates .				
5. Create construction project schedules .				
6. Analyze professional decisions based on ethical principles .				
7. Analyze methods, materials, and equipment used to construct projects.				
8. Apply electronic-based technology to manage the construction process.				
9. Apply basic surveying techniques for construction layout and control.				
10. Understand different methods of project delivery & the roles & responsibilities of all constituencies involved in the design & construction process.				
11. Understand construction accounting and cost control .				
12. Understand construction quality assurance and control .				
13. Understand construction project control processes.				
14. Understand the legal implications of contract, common, and regulatory law				

16 WEEK CALENDAR	
Week One: Topic August 22, 2023	Introductions and Syllabus – Basic Commands
Assignment (s): due 08/27	CAD DRAWING ONE
Week Two: Topic 8/29, 2023	Basic Commands
Assignment (s): due 09/3	CAD Drawing TWO: Lines and Polylines
Week Three: Topic 09/05, 2023	Actual vs. Nominal Sizing
Assignment (s): due 09/10	CAD DRAWING THREE: Wood, Block and Brick Sizes
University Events:	September 4, 2023 LABOR DAY (University Closed) [Monday]
Week Four: Topic 09/12, 2023	Floor Plans
Assignment (s): due 09/17	CAD DRAWING FOUR: Contemporary Floor Plan
University Events:	September 13, 2023 PVAMU Architecture + CS Career Fair - 9:00 am-4:00 pm
Week Five: Topic 09/19, 2023	Floor Plans and Elevations
Assignment (s): due 09/24	CAD DRAWING FIVE: Stair Section
Week Six: Topic 09/28, 2023	Blocks and WBlocks
Assignment (s): due 10/1	CAD DRAWING SIX: Cardinal Elevations, north, south, east and west
Week Seven: Topic 10/05, 2023	Elevations and AutoCAD Review CAD DRAWING SEVEN: Truss drawing: Chords and Webs-Begin Final Section Quiz ONE-Wednesday
Assignment (s): due 10/8	FINAL AutoCAD Project WORK
Week Eight: Topic 10/12, 2023	Final AutoCAD Project/Begin Revit
Assignment (s): due 10/15	Work On Final Project
University Events: 	October 12-14, Mid-Term Exams Thursday-Saturday
Week Nine: Topic 10/19, 2023	FINAL Project DUE
Assignment (s): due 10/22	REVIT DRAWING ONE: Site Plan and Contours
University Events: 	October 16, 2023 STUDENT AND FACULTY NON-CLASS DAY - Monday
Week Ten: Topic 10/26, 2023	Advanced Revit Commands
Assignment (s): due 10/29	REVIT DRAWING TWO: Foundation, Floors, Walls and Roof Design
Week Eleven: Topic 11/02, 2023	Appliances, Components and Families and Roof
Assignment (s): due 11/05	REVIT DRAWING THREE: Windows, Doors, Components and Families
Week Twelve: Topic 11/09, 2023	Sections and Details
Assignment (s): due 11/12	REVIT DRAWING FOUR: Sections, Elevations and Details
Week Thirteen: Topic 11/16, 2023	Rendering and Entourage
Assignment (s): due 11/19	REVIT DRAWING FIVE: Rendering and Walk-Thru

Week Fourteen: Topic 11/23, 2023	Revit Review	
Assignment (s): due 11/26	Final Review of all Revit Commands	
University Events: 	November 23-25	THANKSGIVING (UNIVERSITY CLOSED)
Week Fifteen Topic 11/30, 2023	FINAL SEMESTER Project and Portfolio	
Assignment (s): due 12/03	November 29, 2023	‡ Last day of class for Fall Semester 2023! WEDNESDAY
	HAVE A GREAT HOLIDAY BREAK	

In order to ensure 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 1315-P02 Fall Semester 2023**, 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 #

_____/_____/2023
Date

Signature-Instructor

Instructors name

_____/_____/2023
Date

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

STUDENT'S SIGNATURE: _____