

 PRAIRIE VIEW A&M UNIVERSITY		<h1 style="color: red; margin: 0;">SYLLABUS</h1>	
Course Title:		Construction Documents and Codes	
Course Prefix:	ARCH	Course No.:	4443
		Section No.:	P01
 <p><i>“The most grandiose of designs lies fallow, unrealized and in a questionable state if it is never constructed.”</i> <i>“..the act of architecture is not finished when the design is done, but when the building is built. However, must students see, and are taught, that the design is the end product.” Gerald Weisbach, FAIA</i></p>			
School of Architecture	Department: Architecture <input checked="" type="checkbox"/> Construction Science <input type="checkbox"/> Art <input type="checkbox"/> Community Development <input type="checkbox"/>		
Course Location:	Nathelyne Archie Kennedy Building, Room 227  <i>Insert correct room #.</i>		
Class Meeting Days & Times:	Mondays, Tuesdays and Wednesdays; 8:00-11:20 AM		
Catalog Description:	“(2-2) Credit 3 semester hours. The organization, development and preparation of a complete set of working drawings using computer aided design.”		
Prerequisites:	ARCH 2223		
Co-requisites:			
Mode of Instruction:	<input checked="" type="checkbox"/> Face-to-face <input type="checkbox"/> On-line <input type="checkbox"/> Hybrid		
Instructor:	Bruce F. Bockhorn, PhD, AIA Associate Professor /Director-Construction Science		
Office Location:	School of Architecture, Prairie View A&M University, Room 101A		
Office Telephone:	(936) 261-9805		
Fax:	(936) 261-9826		
Email Address:	bfbockhorn@pvamu.edu		
U.S. Postal Service Address:	Prairie View A&M University P.O. Box 519 Mail Stop 2100 Prairie View, TX 77446		
Office Hours:	Monday, Tuesday and Wednesday 1:00-5:00 PM. OTHER HOURS BY APPOINTMENT. Students are advised to make appointments with the professor ahead of time and be specific with the subject matter to be discussed. Students must be prepared for their appointment by bring all applicable materials and information to the meeting.		
Virtual Office Hours:			
Required Text:	The Professional Practice of Architectural Working Drawings (3 rd Edition); Authors: Osamu A. Wakita and Richard M. Linde; Publisher: John Wiley & Sons, Inc. ISBN: 0-471-39540-4 NOTE: Do NOT purchase the textbook until the class has met for the first session!<		
Optional Text:	Building Codes Illustrated; A Guide to Understanding the International Building Code; Authors: Francis D. K. Ching and Steven R. Winkel, FAIA; Publisher: John Wiley & Sons, Inc.; ISBN: 0-471-09980-5 NOTE: Strongly recommended for your professional library.< Sustainable Construction; Green Building Design and Delivery (2 nd Edition) ; Author: Charles J.		

	<p>Kibert; Publisher: John Wiley & Sons, Inc.; ISBN: 9778-0-470-11421-6 <u>Construction of Architecture; From Design to Built</u>; Author: Ralph W. Liebing, RA, CSI; Publisher: John Wiley & Sons, Inc. ISBN: 978—0-471-78355-8 NOTE: This book is used in CONS 4423 Commercial Construction. ◀</p>  <p><u>Building Codes Illustrated; A Guide to Understanding the International Building Code</u>; Authors: Francis D. K. Ching and Steven R. Winkel, FAIA; Publisher: John Wiley & Sons, Inc.; ISBN: 0-471-09980-5 NOTE: Strongly recommended for your professional library. ◀</p>
<p>Recommended Text/Readings:</p>	
<p>Learning Resources</p>	<p>PVAMU Library: Telephone: (936) 261-1500; web: http://www.tamu.edu/pvamu/library/ Use the Reference Desk at the library where the staff is eager to guide your research. They can orient you to hard copies and on-line resources.</p> <p>University Bookstore: Telephone: (936) 261-1990 web: https://www.bkstr.com/Home/10001-10734-12demoKey=d</p> <p>The Writing Center Telephone: (936) 261-3700 The Writing Center's goal is to provide a friendly, stress-free environment for students from all over campus to meet with a consultant and talk about writing of all types. They provide a responsive audience and advice from experienced writers in sessions generally lasting thirty to forty-five minutes. Sessions of this length offer time to work individually with students on any aspect of the writing process: from brain storming and drafting, to revising and proofreading. They will explore ways to improve a student's overall writing skills. They do NOT proofread or edit for students, but instead teach proofreading and editing techniques. Their goal is to: make a better writer for the long term.</p> <p>Student Academic Success Center Telephone: (936) 261-1040 Student Academic Success Center identifies academic and social roadblocks that interfere with persistence and timely graduation of PVAMU students. SASC informs campus-wide policies by staying current with retention literature and best practices. Further, SASC develops programs and services that are specifically aimed at continuing the academic success of the first year. We strive to provide PVAMU students with "Navigation to Graduation".</p> <p>The Tutoring Center John B. Coleman Library in Room 209 Telephone: (936) 261-1561 Hours: Monday through Thursday 12 pm to 9 pm and Friday from 8 am to 5 pm. Email: AETutoring@pvamu.edu Open to all undergraduate students enrolled for credit in targeted PVAMU courses. offers help for:</p> <ul style="list-style-type: none"> ▪ Microeconomics, Macroeconomics ▪ Management Information Systems ▪ History, Government ▪ Statistics, Basics – Calculus II ▪ Psychology, Sociology ▪ English (Basics – Freshman Comp II), Speech ▪ Spanish I&II ▪ Biology (Pre-Med, Pre-Nursing) ▪ Chemistry (Bio & Nursing Majors) ▪ Physics ▪ Materials & Science
<p>Course Goals and Overview:</p>	

	<p>The practice of architecture is rapidly changing due to the expanding use of computer-based systems that provide huge advances in visual presentation and graphics, as well as in basic design work. For every hour spent in design it takes roughly 3 to 4 hours to draw the information from which a contractor can build the project. Thus, most of your architectural career will involve preparing technical and construction documents to communicate the project design to the builder in order to properly construct the work. Unfortunately, most architecture school graduates come into the professional workforce with little if any knowledge about how this process actually works. ARCH 4443 will focus on making sure that when applying for your first job after graduation, you do so with an advantage over those graduates who focused solely on design and presentation skills. The primary emphasis (goal) of this course is to help you to understand the architect's role in preparing construction documents and specifications and understanding their importance to the general contractors. The student should improve their understanding of the technical aspects involved with project documentation</p>
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Course Outcomes/Learning Objectives

At the end of this course, the students will.

4443.1	Learn the critical knowledge related to the important role of architectural construction documents and codes in transforming design concepts into real projects.
4443.2	Understand the composition of construction documents (drawings, specifications and contracts) issued to the general contractor.
4443.3	Understand the sequencing of architectural construction documents as issued to the general contractor for a project with emphasis on plans, elevations and sections.
4443.4	Develop and to demonstrate the ability to manage a project and oneself , to be a team player and a team leader
4443.5	Develop and to demonstrate the ability to solve problems . Develop and to demonstrate the ability to effectively communicate to the project team.
4443.6	Prepare for future job opportunities after graduation.

Course Requirements & Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course. *(Instruments will vary slightly depending on the course)*

- **Assignments/Papers/Exercises:** Written assignments designed to supplement and reinforce course material
- **Exams:** Written tests designed to measure knowledge of presented course material
- **Projects:** Assignments designed to measure ability to apply presented course material
- **Class Attendance/Participation:** Daily attendance and participation in class discussions

Grading Matrix *(Points will vary according to instructor's grading system. At no time should the value of all potential points exceed 100%.)*

TABLE 1: INDIVIDUAL PERFORMANCE MEASURES



PERFORMANCE MEASURES	POINTS	%	COMMENTS
EXAM #1	3,000	20%	See Class Lecture and Event Schedule
EXAM #2	3,000	20%	See Class Lecture and Event Schedule
EXAM #3	1,500	10%	See Class Lecture and Event Schedule
ASSIGNMENTS-REAL LIFE SCENARIOS	1,500	10%	See Class Lecture and Event Schedule
INVOLVEMENT/ATTENDANCE	6,000	40%	(5 weeks x 3 class/week x 400 points/class period) =6,000 points
TOTAL GRADE POINTS AVAILABLE	15,000	100%	
	500		Potential growth points
TOTAL POTENTIAL POINTS	15,500		


TABLE 2: GRADE SCALE

Grade Determination:	A	100-90 %	13,500 or over
	B	89-80%	12,000 to 13,499
	C	79-70%	10,500 to 11 ,999

	D	69-60%	9,000 to 10,499
	F	59% and below	0 to 8,999
	A	100-90 %	13,500 or over

Course Procedures *Edit to comply with your course.*

Taskstream	Taskstream is a tool that Prairie View A&M University uses for assessment purposes. One of your assignments may be considered an "artifact," an item of coursework that serves as evidence that course objectives are met. More information will be provided during the semester, but for general information, you can visit Taskstream via the link in eCourses.
University Attendance Policy: 	Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or assignment of a grade of "F." Absences are accumulated beginning with the first day of class.
Instructor's Attendance and Participation Policy	<p>As a student in a professional practice course at Prairie View A&M University you are expected to attend each class. Class attendance is recorded on roll sheets that are circulated to record <u>your</u> name and signature. Since attendance is critical to the learning objectives and the class discussions, a <u>400 point involvement grade is awarded for each class period (200 points for Part 1 + 200 points for Part 2).</u> You start with <u>100 points</u> for attending each class session under the assumption that you have come to learn. However, to gain an understanding of construction materials and installation methods, you must do more than just show up. Attentiveness is important. For example, showing up for class and then reading the newspaper will cause a deduction from your 100 points. Other things that could cause you to lose points would be sleeping in class, working on other assignments in class, being late, being rude or being disruptive. However, if you are attentive during the lectures and discussions, you will be awarded an additional <u>40 points</u> for each class. The <u>remaining 60 points</u> per class are <u>earned</u> 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. <u>If you are late to class you are subject to losing all or parts of the 60 participation points.</u> Typical deductions for being late are: Up to 5 minutes: 0 points; from 5 to 10 minutes: 20 points; from 10-15 minutes: 40 points; and over 15 minutes: 60 points.</p> <p>You are <u>not</u> in competition with your fellow classmates for involvement points. Each student can receive 200 points per class session as long as they are legitimately earned. At the end of the semester, the instructor may award a growth grade worth an additional 400 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 June 4, 2018 (1st 5 week session and 10 week session). 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 these absences. After that, the involvement grade stands.</u> 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 you record</p>

	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 500 additional points towards your final grade
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 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. <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. <u>No food or drink</u> 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 "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. <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. 8. <u>No children, friends, family members or guests are allowed in the class without prior approval.</u> Failure to adhere to this rule will result in a "0" for that class period.
Conduct of the Class and Care of the Facility	<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 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 <u>keep the classroom in a clean and orderly manner</u> 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. <u>Lecture Notes and Handouts</u> will be sent to your official university email. Handouts distributed during a class period will not be distributed at any other time. It is the student's responsibility to get a copy from another student or source.
Submission of Assignments: 	Assignments are due at the start of the class session. No late work will be accepted without proper documentation.
Formatting Documents:	Microsoft Word is the standard word processing tool used at PVAMU. If you are using other word processors, be sure to save the document in either the Microsoft Word, Rich-Text, or plain text format.
Exam Policy:	Exams should be taken as scheduled. No makeup examinations will be allowed except

	under documented emergencies (See Student Handbook).
Professional Organizations and Journals	
<i>(If applicable to your course or program, they should be listed here)</i>	
References	
<i>(If applicable to your course or program, references should be listed here)</i>	
University Rules and Procedures	
Disability Statement (See Student Handbook):	Students with disabilities, including learning disabilities, who wish to request accommodations in class should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator. Students should also inform the instructor of their need for accommodations immediately at the outset of the course so that a solution designed to being successful in class can be produced.
Academic Misconduct (See Student Handbook):	You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.
Forms Of Academic Dishonesty:	 <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 mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations. 2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test. 3. Fabrication: use of invented information or falsified research. 4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.
Nonacademic Misconduct (See Student Handbook)	The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either: (1) the instructor's ability to conduct the class; (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.
Sexual misconduct (See Student Handbook):	Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.
Student Academic Appeals Process	Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.
Technical Considerations for Online and Web-Assist Courses	
Minimum Hardware and Software Requirements	Pentium with Windows XP or PowerMac with OS 9 -56K modem or network access -Internet provider with SLIP or PPP -8X or greater CD-ROM -64MB RAM -Hard drive with 40MB available space -15" monitor, 800x600, color or 16 bit -Sound card w/speakers -Microphone and recording software -Keyboard & mouse -Netscape Communicator ver. 4.61 or Microsoft Internet Explorer ver. 5.0 /plug-ins -Participants should have a basic proficiency of the following computer skills: <ul style="list-style-type: none"> -Sending and receiving email -A working knowledge of the Internet -Proficiency in Microsoft Word -Proficiency in the Acrobat PDF Reader -Basic knowledge of Windows or Mac O.S.
Netiquette (online etiquette):	Students are expected to participate in all discussions and virtual classroom chats when directed to do so. Students are to be respectful and courteous to others in the discussions. Foul or abusive language will not be tolerated. When referring to information from books, websites or articles,

	please use APA standards to reference sources.
Technical Support:	Students should call the Prairie View A&M University Helpdesk at 936-261-2525 for technical issues with accessing your online course. The helpdesk is available 24 hours a day/7 days a week. For other technical questions regarding your online course, call the Office of Distance Learning at 936-261-3290 or 936-261-3282
Communication Expectations and Standards:	All emails or discussion postings will receive a response from the instructor, usually within 48 hours. Urgent emails should be marked as such. Check regularly for responses. You can send email anytime that is convenient to you, but the instructors will check their email messages continuously during the day throughout the work-week (Monday through Friday) during normal office hours. Instructors should respond to email messages during the work-week by the close of business (5:00 pm) on the day following their receipt of them. Emails received on Friday will be responded to by the close of business on the following Monday.

ACCREDITATION/ASSESSMENT CRITERIA Table No. 1-NAAB CRITERIA

This course is structured to assist the student meet the following criteria shown in **Table No. 1** as established by the National Architectural Accreditation Board (NAAB). To view the entire list, go to the NAAB website, www.naab.org and access "2014 NAAB Conditions for Accreditation."

Performance Criteria.	Ability <input checked="" type="checkbox"/>	Understanding <input checked="" type="checkbox"/>	Course Learning Outcomes Competencies (T, R, I)		
			T Taught	R Reinforced	I Utilized/Integrated
REALM A: Critical Thinking and Representation					
A.1. Professional Communication Skills (Ability)	<input checked="" type="checkbox"/>			R	
A.2. Design Thinking Skills (Ability)					
A.3. Investigative Skills (Ability)	<input checked="" type="checkbox"/>		T		
A.4. Architectural Design Skills (Ability)					
A.5. Ordering Systems (Ability)					
A.6. Use of Precedents (Ability)					
A.7. History and Global Culture (Understanding)					
A.8. Cultural Diversity and Social Equity (Understanding)					
REALM B: Building Practices, Technical Skills, and Knowledge					
B.1. Pre-Design (Ability)					
B.2. Site Design (Ability)	<input checked="" type="checkbox"/>				
B.3. Codes and Regulations (Ability)		<input checked="" type="checkbox"/>		R	
B.4. Technical Documentation (Ability)				R	
B.5. Structural Systems (Ability)		<input checked="" type="checkbox"/>			
B.6. Environmental Systems (Ability)					
B.7. Building Envelope Systems and Assemblies (Understanding)					
B.8. Building Materials and Assemblies (Understanding)					
B.9. Building Service Systems (Understanding)				R	
B.10. Financial Considerations (Understanding)					
REALM C: Integrated Architectural Solutions					
C.1. Research (Understanding)					
C.2. Integrated Evaluations and Decision-Making Design Process (Ability)	<input checked="" type="checkbox"/>		T		
C.3. Integrative Design (Ability)	<input checked="" type="checkbox"/>		T		
REALM D: Professional Practice					
D.1. Stakeholder Roles in Architecture (Understanding)					
D.2. Project Management (Understanding)					
D.3. Business Practices (Understanding)					
D.4. Legal Responsibilities (Understanding)		<input checked="" type="checkbox"/>	T		
D.5. Professional Conduct (Understanding)		<input checked="" type="checkbox"/>	T		









ACCREDITATION/ASSESSMENT CRITERIA TABLE 2: ACCE CRITERIA

This course is structured to assist the student meet the following criteria shown in Table No. 1 as established by the American Council for Construction Education (ACCE) <i>Standards and Criteria for Accreditation</i> . To view the entire list, go to the ACCE website, www.acce-hq.org and view the "Accreditation Procedures."			
	Competencies (T, R, I)		
	T Taught	R Reinforced	I Utilized/ Integrated
1. General Education (Communications, social sciences and humanities): The ability to communicate both orally and in writing, and have an understanding of human behavior.		R	
2. Math and Science (Mathematics and Physical Science): The ability to apply the principles of mathematics, statistics and computer science. The understanding of the behavior of materials, equipment and methods used in construction combined with knowledge of physics, chemistry, geology and environmental sciences.		R	
3. Business and Management: The knowledge to effectively manage the principle resources of the industry: people and money. Understanding the fundamentals of the free-enterprise system to include accounting, finance, business regulations, contract law, labor law, and marketing.			
4. Construction Science: An understanding of the contribution of the design process. The ability to communicate with the design professionals and participation in the planning phase of design-build projects. The ability to solve practical communication problems.	T	R	
5. Construction: Involvement and understanding of both office and field activities to include effective management of personnel, materials, equipment, costs and time. The understanding of the contractor's role as a member of a multi-disciplinary team, the assessment of project risk and alternative construction methods (Traditional Design-Bid-Build, Construction Manager and Design-Build).	T		I
6. Other:			







ARCH 4443 Syllabi Summer Terms 2018


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.

	Registration/Assembly Dates		Dates exam scores will be posted
	Key Dates		Holidays
	Graduation Applications		Guest lectures
	Dates for Exams		Project Team Workshop

SUMMER 2018-1st 5 WEEK SESSION CALENDAR

Week # Class# Topics	Date	Topics and Assignments
<b style="background-color: yellow;">Week One: Class #1   	June 4, 2018 [Monday]	Lecture/Assignment:: <ul style="list-style-type: none"> ▪ Getting to know the instructor and class members. ▪ Syllabus: Class objectives, assignments and grading policies. <hr/> Lecture Segment #2: The Project Team <ul style="list-style-type: none"> ▪ The Role of the Owner/Architect/Contractor ▪ The Roles of Engineers and Consultants <ul style="list-style-type: none"> ▫ Qualifications/Interviews/Hiring Decisions ▫ Contractual Relations <p style="color: purple; text-align: center;">LAST DAY FOR LATE REGISTRATION, CHANGE MAJOR, ADD COURES (1st 5 Week and 10 Week Sessions)</p>
Class #2	June 5, 2018 [Tuesday]	Lecture Segment #3: Project Phases and Product Delivery <ul style="list-style-type: none"> ▪ Project Phases: SD/DD/CD/BN/CA: Terms you should know! ▪ The Importance and Implications of Construction Documents <hr/> Lecture: Segment #4: The Drawings <ul style="list-style-type: none"> ▪ General Information: Arrangement, Symbols, etc. ▪ Order and Sequence of Information
Class #3	June 6, 2018 [Wednesday]	Lecture Segment #5: Construction Plans <ul style="list-style-type: none"> ▪ Plans: Site and Floor, Roof and Reflected Ceiling <hr/> Lecture Segment #6: Accessibility, ADA and TAS
 	June 7, 2018 [Thursday]	<p style="color: red; text-align: center;">NO CLASS</p> <p style="color: purple; text-align: center;">CENSUS DATE (4TH CLASS DAY 1ST 5 Week and 10 Week Sessions)</p> <p style="color: purple; text-align: center;">LAST DAY TO DROP WITHOUT ACADEMIC RECORD</p>
	June 8, 2018 [Friday]	<p style="color: red; text-align: center;">NO CLASS</p>
Chapter (s):		<ul style="list-style-type: none"> ▪ Chapter 11 (pgs. 323-336). ▪ Chapters 2 (pgs. 48-65), Chapter 3 (pgs. 67-103), and Chapter 6 (pgs. 163-206). Read: Chapter 8 (pgs. 227-257), Chapter 9 (pgs. 259-290), Chapter 10 (pgs. 291-322) and Chapter 14 (pgs. 385-417)

		<ul style="list-style-type: none"> ▪ Article: <u>Drawing the Line: Why the Architect's Documents Alone Are Insufficient for Construction</u>, Texas Architect, 2005
Assignment (s):		<ul style="list-style-type: none"> ▪ Review Lecture Notes #2-6. ← ▪ Each student must complete the Student Information Form, Entrance Survey, and Course Syllabus Statement of Agreement. Due: Class #3. ☺ ▪ Real Life Scenario #1: RFP-Being 1 of 5 versus 1 of 10. Due: Class #4. ☺
Week Two:	June 11, 2018	Lecture Segment #7: Dimensions and Controls
Class #4	[Monday]	<ul style="list-style-type: none"> ▪ From large to small ▪ Special situations
		Lecture Segment #8: Schedules
		Room Finishes, Doors and Windows
Class #5	June 12, 2018	Lecture Segment #9: Building Elevations, Sections and Details
	[Tuesday]	
Class #6	June 13, 2018	Lecture Segment #10: Project Coordination
	[Wednesday]	<ul style="list-style-type: none"> ▪ Civil Engineering ▪ Structural Engineering ▪ Mechanical/Electrical/Plumbing Engineering ▪ Engineering Services Contracts: How to avoid mistakes
		Lecture #11: Ethics in Architecture and Construction
	June 14, 2018	NO CLASS
	[Thursday]	
	June 15, 2018	NO CLASS
	[Friday]	
Chapter (s):		▪
Assignment (s):		<ul style="list-style-type: none"> ▪ Review Lecture Notes #7-11. ← ▪ Real Life Scenario #2: Denver Hyatt: A 'Bonus' Problem Due: Class #7. ☺ ▪ Load TSA and ADA websites on computer for future reference
Week Three:	June 18, 2018	EXAM #1
Class #7	[Monday]	Lecture Segment #12: Contract Conditions and Specifications
		<ul style="list-style-type: none"> ▪ General Conditions and Supplemental Conditions
		CSI Specifications Format
Class #8	June 19, 2018	Lecture Segment #13: Codes
	[Tuesday]	<ul style="list-style-type: none"> ▪ Planning and Zoning ▪ Building ▪ Handicapped
		LAST DATE TO WITHDRAW FROM COURSES "WITH RECORD" (W)
Class #9	June 20, 2018	EXAM #1 GRADES POSTED
	[Wednesday]	Lecture Segment #14: Project Delivery Process
		<ul style="list-style-type: none"> ▪ Competitive Bid vs. Construction Manager vs. Design/Bid
		WITHDRAWAL FROM COURSES WITH ACADEMIC RECORD ("W") PERIOD THOUGH JULY 30TH
	June 21, 2018	NO CLASS
	[Thursday]	
	June 22, 2018	NO CLASS
	[Friday]	
Chapter (s):		<ul style="list-style-type: none"> ▪ Chapter 12 (pgs. 337-356). ▪ Chapters 13 (pgs. 357-383); and 15 (pgs. 419-435). ▪ Chapter 16 (pgs. 437-479)
Assignment (s):		<ul style="list-style-type: none"> ▪ Review Lecture Notes #12-14. ← ▪ Real Life Scenario #3: What Would You Do? A Question of Ethics Due: Class #10. ☺

Week Four: Class #10	June 25, 2018 [Monday]	EXAM #2 Lecture Segment #15: The Bidding Process <ul style="list-style-type: none"> ▪ Printing the Documents ▪ Publication of the Project to Bidders ▪ Taking the bids and the evaluation of the results Recommendations to the Owner
Class #11	June 26, 2018 [Tuesday]	Lecture Segment #16: Construction Administration <ul style="list-style-type: none"> ▪ Logistics and Construction Schedules ▪ Shop Drawings and Submittals
Class #12	June 27, 2018 [Wednesday]	EXAM #2 GRADES POSTED Lecture Segment #17: Building Measurement <ul style="list-style-type: none"> ▪ Gross, Rentable and Usable Square Footage Lecture Segment #18: Project and Building Proformas <ul style="list-style-type: none"> ▪ Hard Costs and Soft Costs ▪ FF&E (Fixtures, Furniture and Equipment)
	June 28, 2018 [Thursday]	NO CLASS DEADLINE TO APPLY FOR SUMMER 2018 GRADUATION
	June 29, 2018 [Friday]	NO CLASS 20TH CLASS DAY (Census Date)- Summer 2018
Chapter (s):		<ul style="list-style-type: none"> ▪ Chapter 1 (pgs. 11-22), and Chapter 4 (pgs. 105-134). ▪ Chapter 1 (pgs. 39-41).
Assignment (s):		<ul style="list-style-type: none"> ▪ Review Lecture Notes #7-11.  ▪ Real Life Scenario #4: Your First Job: Money and Responsibility Due: Class #13. 
Week Five: Class #13	July 2, 2018 [Monday]	Lecture Segment #19: Project Documentation Lecture Segment #20: The Future of the Profession, the I.D.P., and the A.R.E.
Class #14 	July 3, 2018 [Tuesday]	EXAM #3 WITHDRAW FROM COURSES WITH ACADEMIC RECORD ("W") ENDS (1st 5 Week Session)
	July 4, 2018 [Wednesday]	INDEPENDENCE DAY (UNIVERSITY CLOSED)
Class #15	July 5, 2018 [Thursday]	NO CLASS UNLESS REQUIRED TO COVER MISSED LECTURES
	July 6, 2018 [Friday]	FIRST SUMMER TERM ENDS FINAL EXAMS FOR 1st SUMMER SESSION LAST DAY TO WITHDRAW FROM ALL COURSES (1st 5 Week Session)
	July 9, 2018 [Wednesday]	EXAM #3 GRADES POSTED FINAL GRADES DUE (1st 5 Week Session)
	August 11, 2018 [Saturday]	COMMENCEMENT

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.

STATEMENT OF AGREEMENT

I have read the Course Syllabus for **ARCH 4443** for the Summer Term 2018, 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 #

____/____/2018
Date

Signature-Instructor

Bruce F. Bockhorn, PhD, AIA
Instructors name

____/____/2018
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: _____
