



THE UNIVERSITY  
OF THE BIG BEND

**IT 3301: Construction Project Management**  
**Department of Industrial Technology**

**Instructor Information**

Prof. Keith Nixon

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**Class Times and Place**

Lecture: Online

Office Hours: By Appointment Only

**Final Exam Date & Time**

May 8-15, 2019

**Catalog Description**

A detailed look at how the construction industry works. This course is designed to explore the roles of the people involved in the design and construction process, the principal phases of a project, and the tools required to effectively manage the people and the project.

**Course Description**

Be sure to check Blackboard site regularly for class notes, assignments, and special announcements. Reading assignments will be given from the required textbook. The reading assignments, discussion boards, and homework will form the basis for the quizzes and tests given in the class. Tests will consist of a comprehensive multiple-choice section covering textbook material. Quizzes will be given weekly in the same multiple-choice format.

**Course Outcomes**

Following completion of this course, you will be able to exhibit strong technical and managerial skills, apply scientific methodologies to problem solving through critical thinking, and provide innovative creativity into day-to-day tasks, so you are equipped to become an effective construction manager.

**Required Materials**

**Textbook**

*Construction Project Management, 4th Edition* by Frederick Gould and Nancy Joyce, Pearson/Prentice Hall; 4<sup>th</sup> Edition ISBN-10: 0132877244 ISBN-13 978-0132877244

### **Time Commitment**

Students should be prepared to spend approximately **3-5 hours per week outside of class** on assignments that will include: Reading Assignments, completing assignments, class projects, and studying for tests and quizzes.

### **Attendance and Late Assignment Policy**

All assignments are due on posted due dates. **NO LATE ASSIGNMENTS WILL BE ACCEPTED.**

### **Participation, Attendance, and other assignments**

A high degree of engagement is expected and will contribute to your learning as an active participant. This includes interacting with the instructor and other students, completing outside of class assignments and readings, and being prepared to participate in discussions. This class is the beginning of your journey to becoming a professional. Evidence of professionalism includes collegial attitude, participation, and punctuality.

Personalized assignments can be requested in the form of tailored exercises for each individuals' career/degree path. These will be in the form of extra credit or assignment substitute.

### **Evaluation**

A student's grade will be determined based on the following percentages:

- 40% - Discussion Boards
- 15% - Site Visit
- 25% - Quizzes
- 20% - Exams

Grading Scale: 100-90 = A, 89-80 = B, 79-70 = C, 69-60 = D, 59-0 = F

All tests and quizzes will be OPEN BOOK.

### **Code of Classroom Conduct**

- Maintain integrity on all assignments and tests
- Participate in all weekly discussions
- Turn in Assignments on time
- THERE WILL BE NO LATE WORK ACCEPTED.

### **Reasonable Accommodation Statement**

It is the SRSU policy to provide reasonable accommodation to students with disabilities. If you would like to request such accommodations because of physical, mental, or learning disabilities, please contact the ADA coordinator in Student Services: Ferguson 112, 837-8203.

**Course Outline**

WK #		Subjects
1	1/22- 1/25	Introduction to course, Schedule Office Hours Visit, Schedule Job Site Visit
2	1/28- 2/1	Chapter 1 - The Construction Industry
3	2/4- 2/8	Chapter 2 – Project Participants
4	2/11- 2/15	Chapter 3 – Organizing and Leading the Construction Project
5	2/18- 2/22	Chapter 4 – Project Delivery Methods
6	2/25- 3/1	Chapter 5 – Project Chronology and Intro to CPM Scheduling
7	3/4- 3/8	Chapter 6 – Construction Services During Design
8	3/11- 3/15	<b>Mid Term Exam</b>
9	3/18- 3/22	<b>Spring Break – No Class</b>
10	3/25- 3/29	Chapter 7 – Bidding and Procurement
11	4/1- 4/5	Chapter 8 – Construction and Closeout
12	4/8- 4/12	Chapter 9 – Estimating Project Costs
13	4/15- 4/19	Chapter 10 – Project Planning and Scheduling
14	4/22- 4/26	Chapter 11 – Controlling Project Cost, Time, and Quality
15	4/29- 5/3	Chapter 12 – Project Administration
16	5/6- 5/10	Chapter 13 – Construction Law Chapter 14 – Construction Safety and Health
	5/8- 5/15	<b>Final Exam</b>

Note: Class schedules subject to change