

## CNBT 2344

### Construction Management II

#### COURSE DESCRIPTION

A management course in contract documents, planning scheduling, production control, and law and labor. Topics include contracts, planning, cost and production, peripheral documents, and cost and work analysis.

#### COURSE GOALS

- ✓ Identify and list the four major sectors of construction projects and their current trends within the construction industry.
- ✓ Identify the roles and responsibilities of key construction participants and the divisions of labor within a designer and construction organization.
- ✓ Identify and examine the three basic models for organizing project teams.
- ✓ Examine the three primary construction delivery methods and their advantages and disadvantages.
- ✓ Identify the principal phases in project design and the principal tasks in the life cycle of a project.
- ✓ Develop a working understanding of value engineering.
- ✓ Examine the specific parts that make up a construction work package.
- ✓ Examine the three basic estimate types used during project design and how an estimate evolves over the life of the project.
- ✓ Examine types of scheduling methods and construct a network diagram.
- ✓ Identify administrative tools used to manage, control, and document the construction process.
- ✓ Identify the methodologies employed for interpreting, resolving, and preventing contract disputes.

#### TEXT

Fisk and Reynolds, Construction Project Administration 10<sup>th</sup> Edition, Pearson, 2014.

ISBN 978-0-13-286728-3

Required course materials are available at the Brazosport College bookstore, on campus or online at <http://www.brazosport.edu/bookstore>. A student of this institution is not under any obligation to purchase a textbook from the college bookstore. The same textbook is/may also be available from an independent retailer, including an online retailer.

**INSTRUCTOR**

Marinell Music

**PROGRAM COORDINATOR**

Terri Proctor

Office: L-100E

Phone: 230-3577

FAX: 230-3282

Email: [teresa.proctor@brazosport.edu](mailto:teresa.proctor@brazosport.edu)

**STUDENTS WITH DISABILITIES**

BC is committed to providing equal education opportunities to every student. BC offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software to assist students with special needs. Please contact Phil Robertson, Special Populations Counselor at 979-230-3236 for further information.

**ACADEMIC HONESTY**

Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty including, but not limited to, cheating, plagiarism, and collusion violates both the policies of this course and the Student Code of Conduct. Any occurrence of academic dishonesty will be referred to the Dean of Student Services for prompt adjudication and will at a minimum result in one grade lower in this course. Please refer to the Brazosport College Student Guide & Calendar for more information.

**ATTENDANCE AND WITHDRAWAL POLICY**

Attendance is essential since this class meets only once a week. If you miss a class, it is your responsibility to schedule any make-up test, homework, or in class assignment with the instructor.

If you fall behind and stop attending class, it does not mean that you are officially withdrawn from the class. To officially withdraw and receive a "W" in this class, you need to complete a withdrawal form before the official deadline, which is typically the 10<sup>th</sup> Friday of the semester.

After three absences, the instructor will process an "administrative withdrawal" for excessive absences and you will receive a "W" for the course. If you feel there is a justification for these absences, you may appeal to the instructor for reinstatement; however you will have to complete additional assignments to remain in the class. During class, cell phones are to be turned off or silenced for the entire class period. Texting is not allowed. If you are expecting a call or text of an emergent nature, please inform me before class to make arrangements in responding to the call or text.

### **ASSIGNMENTS AND MAKE-UP POLICY**

Students are responsible for completing all reading and homework assignments prior to class. All assignments are due on the date assigned. Late work will be accepted without a penalty if the student has an excused absence. An excused absence is when the student notifies the instructor of his or her absence prior to class. A 10 point penalty will be assessed for each week an assignment is overdue. Late assignments will receive a zero after the third week.

### **GRADE DETERMINATION**

Homework	20%
Tests	20%
Class Participation	20%
Class Project	20%
Final Exam	20%

### **GRADING SCALE**

A = 100 – 90
B = 89 – 80
C = 79 – 70
D = 69 – 60
F = Below 60

### **COURSE SCHEDULE**

1. This class meets Tuesday evenings from 6:30 – 9:30 PM in room D-201.
2. The final exam will be administered according to the schedule set by Brazosport College.