

**SYLLABUS
CNBT 2342
CONSTRUCTION MANAGEMENT I**

COURSE FOCUS

The student will focus on developing leadership skills through various assignments in communication, motivation, problem solving, and decision-making as each relates to the construction industry.

COURSE DESCRIPTION

A study of human relations management skills in motivation on the job site. Topics include written and oral communications, leadership and motivation, problem solving and decision making. NCCER credit available. **Credit Hours:** 3 (3 lecture, 0 lab)

TEXT

National Center for Construction Education and Research, Project Management, Pearson, Third Edition, 2019. ISBN: 9780134744261

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.

COURSE OBJECTIVES

Upon completion of this course students will be able to:

1. Describe the characteristics of a project manager.
2. Cite the importance of ethical approaches to project management.
3. Describe the four common construction delivery systems.
4. Identify the project manager's responsibilities with respect to safety loss prevention.
5. Understand OSHA's Focused Inspections Program.
6. Identify four major barriers to problem solving.
7. Name five key elements of successful negotiation and the stages of dispute resolution.
8. Identify the parts of a typical project manual.
9. Discuss the types of contracts used in the construction industry.
10. Explain the importance of scope of work breakdown structure.
11. Describe how the planning process is carried out.
12. Explain the project manager's role in controlling cost.
13. Identify basic project scheduling terms and inputs.
14. Analyze an existing CPM schedule to optimize the project schedule.
15. List five elements of production control.
16. Explain the three methods for evaluating productivity.
17. Explain the basic steps in implementing a continuous improvement process.

INSTRUCTOR

Jarrold Creswell

Office: L-100-C

Office hours 2:00pm – 5:30pm

Phone: 979- 230-3577

Email: jarrod.creswell@brazosport.edu

Brazosport College faculty and staff are committed to supporting students and upholding the College District's non-discrimination policy. Under Title IX and Brazosport College's policy FFDA (Local), discrimination based on sex, gender, sexual orientation, gender identity, and gender expression is prohibited. If you experience an incident of discrimination, we encourage you to report it. While you may talk to a faculty or staff member at BC, please understand that they are "Responsible Employees" and must report what you tell them to college officials. You can also contact the Title IX Coordinators directly by using the contact information below. Additional information is found on the Sexual Misconduct webpage at www.brazosport.edu/sexualmisconduct.

Kelli Forde Spiers, Director, Student Life and Title IX Coordinator
Office J-117D; 979-230-3355; kelli.fordespiers@brazosport.edu

Mareille Rolon, HR Coordinator and Deputy Title IX Coordinator
Office C-114; 979-230-3303; mareille.rolon@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 shall be treated appropriately. 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. During our class meetings, cell phones are to be turned off or set in "silence" mode for the entire class period. Texting is not allowed in class. If you are expecting a call of an emergent nature, please inform me before class.

If you fall behind in this class it is your responsibility to withdraw from the class. Because you stop attending class, it does not mean that you have officially withdrawn from class. To officially withdraw and receive a "W" in this class, you need to complete a withdrawal form before the official deadline which is at the end of the tenth week of classes.

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.

STUDENT CONDUCT

Students are expected to be aware of and follow the Brazosport College Student Code of Conduct. Students have violated the Code if they "fail to comply with any lawful directions,

verbal or written, of any official at BC.” Lawful directions include precautions and requirements taken to prevent the spread of COVID-19 at Brazosport College. Students who do not follow safety requirements, including the wearing of a mask, may be removed from class by their instructor and referred to the Dean of Student Services.

Brazosport College is committed to the health and safety of all students, staff, and faculty and adheres to all federal and state guidelines. The College intends to stay open for the duration of the semester, and provide access to classes and support services on campus in the safest way possible. The College will also comply with lawful orders given by applicable authorities, including the Governor of Texas, up to and including campus closure. It is possible that on campus activities may be moved online and/or postpone if such orders are given.

NCCER CREDIT

There will be a test after each module. In order to receive NCCER credit for the module, you must pass the written test with a minimum score of 70. You have three attempts to achieve a score of 70 on the written exam; however you must wait 48 hours before repeating the test. The grade you receive on your first attempt will be the course grade.

COMPUTER USAGE

Computers are to be used for class assignments only. If you are doing unrelated internet searches, sending or receiving email, on Facebook, you will be asked to leave immediately. You will be counted absent and receive a zero for any work assigned during the class period as well as homework assignments.

COURSE EVALUATION

Module Tests	50%
Homework/ Participation	20%
Group Presentation	10%
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 Thursday evenings from 6:30 – 10 PM in room L-214.
2. The final exam will be on Week 15 in accordance with the final exam schedule.

CNBT 2342 CONSTRUCTION MANAGEMENT I SCHEDULE*

*This is an approximate schedule of the material covered each week. It is understood that during the semester the instructor may have to make adjustments to the weekly class schedule.

Week 1	Chapter 1	Introduction to Project Management
Week 2	Chapter 2	Safety
Week 3	Chapter 2	Safety

Week 4	Chapter 3	Interpersonal Skills
Week 5	Chapter 4	Issues and Resolutions
Week 6	Chapter 5	Construction Documents
Week 7	Chapter 5	Construction Documents
Week 8	Chapter 6	Construction Planning
Week 9	Chapter 7	Estimating and Cost Control
Week 10	Chapter 8	Scheduling
Week 11	Chapter 9	Resource Control
Week 12	Chapter 10	Quality Control and Assurance
Week 13	Chapter 11	Continuous Improvement
Week 14	Final Review	
Week 15	Final Exam	

OTHER STUDENT SERVICES INFORMATION

Information about the Brazosport College Library is available at www.brazosport.edu/sites/CurrentStudents/Library/default.aspx or by calling (979) 230-3310.

Information about study skills and tutoring for math, reading, writing, biology, chemistry, and other subjects is available in Learning Services. See www.brazosport.edu/sites/CurrentStudents/LAC/default.aspx or call (979) 230-3253..

Student Services provide assistance in the following:

Counseling and Advising	(979) 230-3040
Financial Aid	(979) 230-3294
Student Activities	(979) 230-3355

To reach the Information Technology Department for computer, Email, or other technical assistance call the Helpdesk at (979) 230-3266.