

## Construction Management II (CNBT 2344)



**Credit:** 3 semester credit hours (2 hours lecture, 4 hours lab)

**Prerequisite/Co-requisite:** CNBT 2342

### Course Description

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

### Required Textbook and Materials

No textbook required for this course

### Course Objectives

Upon completion of this course, the student will be able to:

1. Identify and understand the safety concepts, regulations and work practices set forth by OSHA (Occupational Safety and Health Administration) in the 29 CFR 1926 construction industry standards.
2. Create a project schedule, demonstrating proper sequencing of construction methods
3. Create a material take off and produce an estimate utilizing construction documents, including working prints
4. Demonstrate competency in Construction Management skills (Residential and Commercial level – projects)
5. Demonstrate strong communication skills including fluency in construction terminology and building codes.

### Course Outline

- |                           |                           |
|---------------------------|---------------------------|
| A. Introduction:          | 2. Methods                |
| 1. Review Syllabus        | D. Material Takeoff       |
| 2. Review Class Policies  | 1. Construction documents |
| 3. Review Lab Assignments | 2. Working Prints         |
| B. OSHA                   | 3. Material Estimate      |
| 1. Safety                 | 4.                        |
| 2. Regulations            | E. Projects               |
| C. Project Scheduling     | 1. Residential            |
| 1. Sequencing             | 2. Commercial             |

### Grade Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

## **Course Evaluation**

Final grades will be calculated according to the following criteria:

- |                             |     |
|-----------------------------|-----|
| 1. Tests                    | 25% |
| 2. Comprehensive Final Exam | 10% |
| 3. Course Assignments       | 5%  |
| 4. Course Projects          | 60% |

## **Course Requirements**

1. Always work in a safe manner
2. Take Quizzes and Tests
3. Bending and lifting
4. Work with Power Tools and Electricity

## **Course Policies**

1. No food, drinks, or use of tobacco products in class.
2. Beepers, telephones, headphones, and any other electronic devices must be turned off while in class.
3. Do not bring children to class.
4. No late assignments will be accepted.
5. Tests. Students that miss a test are not allowed to make up the test. Students that miss a test will receive a grade of '0'.
6. Attendance Policy. Two absences are allowed. If a student is tardy to class or departs early three (3) times, it will be equal to one (1) absence. Each absence beyond two absences will result in a 5 point deduction from your final grade.
7. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an 'F' in the course.
8. Additional class policies as defined by the individual course instructor.

## **Disabilities Statement**

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building.

### **Course Schedule**

<b>Week of</b>	<b>Topic</b>	<b>Reference</b>
Week - 1	Introduction	Handouts
Week 2	OSHA Regulations	Handouts
Week 3-5	Project Scheduling	Handouts
Week 6-8	Material Takeoff	Handouts
Week 9-16	Projects	Handouts