

# CM 110: INTRODUCTION AND FUNDAMENTALS OF CONSTRUCTION MANAGEMENT

## Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	3
Total Contact Hours:	54
Lecture Hours :	54
Lab Hours:	0
Hours Arranged:	0
Outside of Class Hours:	108
Strongly Recommended:	ENGL 101.
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter

## Catalog Course Description

This course is a survey of the various functions, tasks, activities and environments of Construction Management and its disciplines. It covers the various aspects of residential, commercial and heavy civil construction, including today's applicable common practices, recognized standard construction documents, codes, regulations, basic means and methods, systems, processes, key participants, professional ethics, as well as current and future trends. Emphasis is in examining the various construction management disciplines and career opportunities; helping prepare students for their Construction Management career and serving the construction industry at large. 54 lecture hours.

## Course Objectives

- Demonstrate understanding of the basic documents and regulations governing the construction industry and how they apply to construction management.
- Demonstrate understanding of basic construction management terminology.
- Examine the fundamental principles of construction management and identify the major canons of construction professional ethics
- Identify fundamental construction management structures and supporting components by using appropriate terminology
- Explain and classify different risk factors in construction projects
- Analyze the fundamental practice of construction and identify the key players within the construction organization.
- Compare and contrast the alternative project delivery methodologies employed in all sectors of the construction industry.

## Major Course Content

1. Definition of Construction Management
2. The Triple Constraint
3. Construction Management Organizations

4. Scope of Construction Projects
5. Basic Construction Management Systems and Processes
6. Building and General Engineering Construction
7. Standard Construction Contract Documents
8. Jurisdictions Having Authority
9. Applicable Federal and State Regulations
10. Professional Ethics
11. Construction Management Careers and Opportunities

## Suggested Reading Other Than Required Textbook

Conduct reading of assigned handouts related to instructor-assigned construction management topics.

## Examples of Required Writing Assignments

Prepare a report describing an identified career path of interest with the supporting reasons from the students perspective.

## Examples of Outside Assignments

Conduct basic library research of construction management career opportunities as directed by instructor.

## Instruction Type(s)

Lecture, Online Education Lecture