Course Information Form (CIF)

Course Code: CIT 216

Course Title: Construction Project Management

Department: Applied Sciences and Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 15.0201
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-2-3
Credit Hour Distribution:

Lecture: 2	Lab: 2	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Introduction to construction project management covering project lifecycle, scheduling, risk management, and quality control. Hands-on experience with industry tools and techniques in preparation for leadership roles in construction.

General Course Objectives

- Understand the phases and processes involved in construction project management.
- Develop project schedules and budgets using industry-standard tools.
- Identify and mitigate risks associated with construction projects.
- Apply quality control measures and ensure compliance with safety regulations.
- Manage project teams, communicate effectively with stakeholders, and resolve conflicts.
- Utilize project management software to plan, track, and report on construction activities.

Minimum Placement Levels

English	Reading	Math
None	None	None

Prerequisites

None

Recommended before enrolling (not required):

Credit or concurrent enrollment in CIT 130 and CIT 215

Methods of Evaluation

At least 6 graded homework assignments and at least 2 objective exams.

Instructional Materials and Additional Supplies

Construction Jobsite Management, 978-1305081796

Course Content

General Learning Outcomes (GLOs)

- Critical Thinking and Information Literacy: Students will demonstrate the ability to evaluate perspectives, evidence, and implications, and to locate, assess, and use information effectively.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Construction Management Overview	1. Describe the role of the project manager in the construction process.	2	2	0
Construction Specifications	1. Explain how specifications interrelate with building project documents.	3	3	0
Bidding Documents and Procedures	1. Identify various bidding documents. 2. Differentiate between lump sum and unit price estimates and explain circumstances under which each is used.	5	5	0
Construction Contracts	1. Explain fixed cost and variable cost contract provisions, and how they apply to various types of construction projects.	5	5	0
Construction Document Management	1. Describe the flow of documents through the project life cycle. 2. Use Procore construction management software to generate, track, and manage project documents.	5	5	0
Project Cost Accounting	1. Describe cost accounting procedures for construction cost recording, reporting, and control systems.	5	5	0
Project Planning and Critical Path Scheduling	1. Identify important phases of a construction project. 2. Develop a basic construction project schedule using critical path methods.	5	5	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0