

A.S. IN CONSTRUCTION MANAGEMENT

Today's construction industry utilizes construction management best practices to oversee, manage and control the scope, schedule, budget, quality, safety and risk during all stages of its projects life-cycle (planning, design, pre-construction, construction and closeout). Successful completion of construction management courses prepares students for construction management entry-level opportunities in one of many functions and/or positions that support the construction project management team. For students who already have prior construction industry experience, this program will prepare them for potential promotional opportunities.

Learning Outcomes

A.S. Degree Level Student Learning Outcomes

Students completing the Construction Management A.S. Degree will:

1. Apply written communication skills appropriate to the construction discipline.
2. Apply oral communication skills appropriate to the construction discipline.
3. Apply quantity takeoff skills for a construction project estimate.
4. Apply basic scheduling techniques to a basic construction project.
5. Apply current technology related to the construction industry.
6. Apply construction documents interpretation skills.
7. Understand the basic principles of construction accounting.
8. Apply basic surveying techniques for construction layout.
9. Understand basic principles of ethics in the construction industry.
10. Understand the fundamentals of contract, common, and regulatory laws that govern a construction project.
11. Understand materials and methods used in construction projects..
12. Understand safety hazards on a construction site and standard prevention measures.
13. Understand the basic concepts of structural design.
14. Understand the basic concepts of HVAC, electrical, and plumbing systems.
15. Understand the roles and relationships between various project team stakeholders.

Program learning outcomes are established in alignment with the American Council for Construction Education (ACCE) Student Learning Outcomes to provide the student with the listed knowledge, skills and abilities.

Requirements

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of "C" and above) of the following major requirements:

Code	Title	Units
Required courses:		
CM 110	Introduction and Fundamentals of Construction Management	3
CM 120	Plans Reading	2
CM 121	Construction Contract Documents, Codes and Specifications	2
CM 130	Surveying Methods and Applications	3
CM 140	Construction Materials, Methods and Assembly	2
CM 150	Current Technology Applications in Construction	2
CM 210	Construction Project Safety	3
CM 270	Construction Equipment and Methods	3
CM 275	Construction Estimating	3
CM 281	Principles of Mechanical, Electrical and Piping Systems	2
CM 282	Principles of Structural Design	2
CM 290	Construction Planning, Scheduling and Control	3
CM 295	Construction Project Management Capstone	3
Total Units		33

Career Information

Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (<https://www.citruscollege.edu/stdntsrvc/ctcenter/Pages/ApptSchedule.aspx>) with a career counselor.