

# BUILDING CONSTRUCTION PROJECT MANAGEMENT – ASSOCIATE IN SCIENCE/CERTIFICATE OF ACHIEVEMENT

Top Code:

0957.20

The Construction Project Management program is designed to equip and prepare those enrolled to apply for the position of a project manager in the construction field. Candidates will gain vast knowledge of the responsibilities and duties one must perform as a construction project manager, from effective communication skills, understanding of sustainability practices, awareness of workplace safety requirements, and how to successfully manage, schedule, and estimate budgets for all types of construction projects.

Upon successful completion of the Construction Project Management program, completers will be prepared for the Leadership in Energy and Environmental Design (LEED) Green Associates exam, the first step towards becoming LEED Certified.

This is considered a Career and Technical Education (CTE) program which provides students with the skills required to safely and effectively be employed as project managers in both public and private settings.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

## Program Outcomes

- Discuss the basic principles and concepts for simple project management task and will be prepared for employment as a trained project manager.
- Communicate and collaborate effectively on a construction project through the creation of safety plans, change orders, writing RFI's, cost estimates, project scheduling, and managing contract documentation.
- Employing risk analysis, constructability, bidding, cost and quality control, contract management skills, and other required industry correspondence.
- Better prepared for the Leadership in Energy and Environmental Design (LEED) Green Associates exam, the first step towards becoming LEED Certified.

## Requirements for the certificate

Code	Title	Units
BLDG 212	PRINT READING FOR CONSTRUCTION	3
BLDG 213	BUILDING CONSTRUCTION CODES AND STANDARDS	3

BLDG 214	MATERIALS & PROCESSES OF CONSTRUCTION: SUB GRADE TO ROOF FRAMING	3
BLDG 218	INSPECTION OF ARCHITECTURAL DETAILS	3
BLDG 219	LEGAL FACTORS OF CONSTRUCTION INSPECTION	3
BLDG 220	ESTIMATING FOR BUILDING CONSTRUCTION	3
<b>Total Units</b>		<b>18</b>

## General Education Requirements for the Associate in Science Degree

- General Information (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/>)
- PCC Local Gen Ed (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#pcclocaltext>)
- CSU Breadth (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#csubreadthtext>)
- IGETC (<https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#igetctext>)