

CONSTRUCTION MANAGEMENT

Associate in Science

Career/Technical (Major Code: 02881)

Designed to provide students with the necessary skills and knowledge for employment within the construction industry. The construction manager is an integral member of the building team and requires a broad range of professional knowledge in the areas of construction methods and materials, building codes, cost analysis and control, construction scheduling, and consulting with the design professions during initial planning stages of a building program. Areas in which graduates of this program might work include general contracting, project management for developers, facilities management, and design-and-build architecture firms.

Program Student Learning Outcome

- Demonstrate an ability to apply problem solving strategies and integrate technical knowledge.

First Semester		Units
ACCT 101	PRINCIPLES OF ACCOUNTING I	4
ARCH 115	GRAPHIC COMMUNICATION FOR ARCHITECTS AND DESIGNERS	3
CI 90	CONSTRUCTION PROJECT MANAGEMENT	3
Units		10
Second Semester		Units
ARCH 165	ARCHITECTURAL PRACTICE I	3
ARCH 200	INTRODUCTION TO COMPUTER AIDED DESIGN	3
CI 60	BUILDING CODES I	3
Units		9
Third Semester		Units
ARCH 235	STRUCTURES	3
ARCH 265	ARCHITECTURAL PRACTICE II	3
CI 65	BUILDING CODES II	3
Units		9
Fourth Semester		Units
ARCH 266	ARCHITECTURAL PRACTICE III	2
BUS 140	BUSINESS LAW/THE LEGAL ENVIRONMENT OF BUSINESS	3
Units		5
Total Units		33

Code	Title	Units
Recommended Electives		
ARCH 205	ADVANCED ARCHITECTURAL CAD	3
ARCH 222	ENVIRONMENTAL CONTROLS	2
CI 70	INSPECTION OF ARCHITECTURAL DETAILS AND STRUCTURAL INSPECTION	3

To earn an associate degree, additional general education and graduation requirements (<http://catalog.swccd.edu/certificates-certifications-degrees-csuuc-requirements/>) must be completed.