BUILDING CONSTRUCTION MANAGEMENT, Certificate - 4250

Engineering, Trades & Computer Technologies Department
CIP Code: 15.1001

The Building Construction Management certificate prepares students for entry-level positions in the construction/contracting field as quantity take-off technicians and estimators, schedulers, and construction inspectors. All graduates acquire a general knowledge of the overall construction process. This certificate may be completed entirely through asynchronous instruction.

Career Opportunities
Graduates of the certificate are prepared for positions in the construction/contracting field as project managers, construction schedulers, construction inspectors, construction estimators, and quantity take-off technicians. ***(SOC Code: 47-1011 Supervisors-Construction Trades and Extraction Workers)***

Competency Profile
This curriculum is designed to prepare students to:
- Interpret the various contract documents and governing regulations used in construction projects
- Recognize construction methods, materials and equipment
- Apply project management principles to construction projects

PROGRAM REQUIREMENTS (TOTAL CREDITS = 30)

General Education	Major Requirements		Other Required Courses	
	ARCH 110 Construction Print Reading	3	CIS 105 Intro to Software for Business	3
	ARCH 111 Architectural Graphics I	3	MGMT 227 Project Management	3
	ARCH 130 Construction Materials and Methods	3		**6**
	ARCH 135 Codes, Specifications & Safety	3		
	BCT 212 Construction Contracts and Related Laws	3		
	BCT 215 Construction Estimating	3		
	BCT 216 Construction Planning and Scheduling	3		
	BCT 217 Construction Project Administration	3		
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RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS
Part time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I	
ARCH 110	3	ARCH 130	3
ARCH 111	3	BCT 215	3
ARCH 135	3	BCT 216	3
BCT 212	3	BCT 217	3
CIS 105	3	MGMT 227	3