

BIOTECHNOLOGY, ENGINEERING & SKILLED TECHNOLOGIES

CONSTRUCTION MANAGEMENT TECHNOLOGY

Construction Management Technology Degree - A35190

The Construction Management Technology curriculum is designed to provide training for individuals interested in project management and other related positions in the construction industry.

Coursework focuses on such topics as construction materials, methods and techniques of modern construction, building codes, contractor licensing law, contractor business law, OSHA and safety on the construction site, project management, project scheduling, project costs and productivity, residential and commercial estimating, residential and commercial blueprint reading, and human relations issues in the construction industry.

Graduates should qualify for entry-level positions as project manager assistants, site superintendents, construction foremen, building inspectors, estimators, and other construction management-related jobs.

Program Sequence

Fall Semester

ACA 115	Success & Study Skills	1
BPR 130	Print Reading - Construction	3
CMT 112	Construction Management I	6
CMT 120	Codes and Inspections	3
	Math Elective	3

Spring Semester

BPR 230	Commercial Blueprints	2
CMT 210	Construction Management Fund	3
CMT 212	Total Safety Performance	3
SST 140	Green Building and Design Concepts	3
	English Elective	3

Summer Semester

	Communication Elective	3
	Social Science Elective	3

Fall Semester

ACC 120	Principles of Financial Accounting	4
CMT 214	Planning and Scheduling	3
CMT 218	Human Relations Issues	3
CST 150	Building Science	3
CST 241	Planning/Estimating I	3

Spring Semester

BUS 139	Entrepreneurship I	3
CIV 240	Project Management	3
CMT 216	Costs and Productivity	3
CST 242	Planning/Estimating II	4
	Humanities Elective	3

Summer Semester

	Major Elective	2
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Communication Electives

(Select 3 hours from the following courses)

COM 120	Intro to Interpersonal Com	3
COM 231	Public Speaking	3
ENG 112	Writing and Research in the Disciplines	3

ENG 114	Professional Research & Reporting	3
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English Electives

(Select 3 hours from the following courses)

ENG 110	Freshman Composition	3
ENG 111	Writing and Inquiry	3

Humanities Electives

(Select 3 hours from the following courses)

HUM 110	Technology and Society	3
HUM 115	Critical Thinking	3

Math Electives

(Select 3 hours from the following courses)

MAT 121	Algebra/Trigonometry I	3
MAT 171	Precalculus Algebra	4

Social Science Electives

(Select 3 hours from the following courses):

PSY 118	Interpersonal Psychology	3
PSY 150	General Psychology	3

Major Electives

(Select 2 hours from the following courses):

CMT 226	Applications Project	3
WBL 112	Work-Based Learning I	2

Graduation Requirements 70 Credits Hours

Construction Management Technology: Basic Certificate – C35190C

The Construction Management Technology Basic Certificate is designed for individuals already in the construction industry who want to study the basic principles of construction management. Topics include safety/OSHA regulations and compliance, residential and commercial blueprint reading, project planning and scheduling, human relations, issues, and professional construction supervision.

Individuals who complete this certificate will have taken an essential step in the process of qualifying as a construction project manager, superintendent, foreman, or estimator.

Program Sequence

Fall Semester

BPR 130	Print Reading - Construction	3
CMT 112	Construction Management I	6

Spring Semester

BPR 230	Commercial Blueprints	2
CIV 240	Project Management	3
CMT 210	Construction Management Fund	3

Graduation Requirements 17 Credits Hours

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Construction Management Technology: Basic Construction Estimating – C35190D

The Basic Construction Estimating Certificate provides instruction on print-reading, planning, estimating, and other related topics.

Program Sequence

Fall Semester

ACC 120	Principles of Financial Accounting	4
CMT 214	Planning and Scheduling.....	3
CST 241	Planning/Estimating I.....	3

Spring Semester

CMT 216	Costs and Productivity.....	3
CST 242	Planning/Estimating II.....	4

Graduation Requirements.....17 Credits Hours

Construction Management Technology: Construction Safety Management – C35190E

The Construction Safety Management Certificate provides instruction on construction management fundamentals, safety performance, OSHA, and other related topics.

Program Sequence

Spring Semester

CMT 210	Construction Management Fund	3
SST 140	Green Building and Design Concepts.....	3

Fall Semester

CMT 120	Codes and Inspections.....	3
CMT 218	Human Relations Issues	3

Spring Semester

CMT 212	Total Safety Performance.....	3
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Graduation Requirements.....15 Credits Hours