

APPLIED ENGINEERING & TECHNOLOGIES

CONSTRUCTION MANAGEMENT TECHNOLOGY

Construction Management Technology Degree - A35190

The Construction Management Technology curriculum is designed to provide training for persons 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.

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.

Construction Management Technology: Basic Construction Estimating – C35190D

Construction Management Technology: Construction Safety Management – C35190E

Program Sequence

First Semester

BPR 130	Blueprint Reading/Const.....	3
CMT 112AB	Construction Management I, Pt 1	3
CMT 210	Construction Management Fund	3
CMT 212	Total Safety Performance.....	3
MAT 121	Algebra and Trigonometry.....	3

Second Semester

BPR 230	Commercial Blueprints	2
CMT 112BB	Construction Management I, Pt 2.....	3
CMT 218	Human Relations Issues	3
CST 131	OSHA/Safety/Certification	3
ENG 111	Expository Writing	3

Complete Safety Management Certificate (C35190E): BPR 130, BPR 230, CMT 210, CMT 212, CMT 218, CST 131

Third Semester

CMT 120	Codes and Inspections	3
SST 140	Green Building and Design Concepts.....	3
COM 120	Intro Interpersonal Com	3
PSY 150	General Psychology.....	3

Fourth Semester

CMT 193A	Selected Topics	3
CMT 214	Planning and Scheduling.....	3
CST 150	Building Science	3
CST 241	Planning/Estimating I	3

HUM 110	Technology and Society	3
---------	------------------------------	---

Complete Basic Certificate (C35190C): BPR 130, BPR 230, CMT 210, CMT 212, CMT 214, CMT 218

Fifth Semester

ACC 120	Prin of Financial Acct	4
BUS 139	Entrepreneurship I	3
CMT 226	Applications Project*	3
CST 242	Planning/Estimating II	4

WBL 113, work-based learning option, may be used as a substitution for CMT 226.

Complete Basic Construction Estimating Certificate (C35190D): BPR 130, BPR 230, CMT 193A, CMT 210, CST 241, CST 242

Graduation Requirements 70 Credits Hours