

CONSTRUCTION MANAGEMENT (AS DEGREE S0881)

Technology and Health Division

Degree S0881

The Construction Management A.S. program prepares students to enter the field of construction management, construction administration, supervision, or other related construction employment. This multi-tiered program offers certificates designed to enhance the skills of working professionals (and credit for applied learning), and a comprehensive program designed to introduce entry level students to the range of construction employment opportunities. The program develops contemporary and emerging skills in general construction principles and processes, sustainability, estimating and scheduling, contract administration, building codes and legal aspects of construction, materials and specifications, reading construction documents and preparation of shop drawings, and BIM (building information modeling) through an immersive virtual construction environment. Students desiring a Bachelor's degree (transfer program) should consult with a counselor or advisor to discuss transferability of courses.

Required Courses

Course Prefix	Course Name	Units
CMGT 121	Building Information Modeling for Construction	4
CMGT 130	Construction Planning and Management	3
CMGT 140	Construction Controls	3
CMGT 150	Construction Operations	3
Variable Unit Course. One unit required.		1
CMGT 160	Construction Management Work Experience	
ECT 67	Reading Construction Drawings	3
ECT 70	Elements of Construction Management	3
ECT 71	Construction Estimating	3
Choose two courses from the following list:		6-7
ARCH 142	Architectural Materials and Specifications	
ARCH 145	Building and Zoning Codes	
BUSM 66	Small Business Management	
CISB 21	Microsoft Excel	
ECT 17	Legal Aspects of Construction	
ENGR 1C	Engineering Critical Thinking	
SURV 1A	Surveying	
ECT 87	Fundamentals of Construction Inspection	
Total Units		29-30

Program Learning Outcomes

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.