

PROFESSIONAL CERTIFICATE PROGRAM CONSTRUCTION MANAGEMENT

The Construction Management Certificate is intended for professionals currently working in the construction field, who either seek to transition to management or wish to strengthen their managerial skills.

Applicants must submit the following items:

- Online application
- Current resume
- \$50 application fee

A certificate in construction management will be awarded upon successful completion of the required five courses (14 CEUs.)

Students who successfully complete this certificate are eligible for eight (8) credits towards general electives in our bachelor degree programs.

Certificate Requirements:

Contracts & Codes
Construction Estimating
Construction Project Scheduling
Construction Project Control
Construction Management Theory

Each Course
Length: 7 weeks
Cost: \$715 per/course
CEU's 2.8 per/course

TCMC400 - CONSTRUCTION MANAGEMENT THEORY

Construction project management from conception to completion is covered. The course covers feasibility studies, site selection, planning, programming, design coordination and contracting procedures of actual construction. Emphasis is placed on contractor operations, project administration, job planning and subcontract coordination.

TCMC150 - CONSTRUCTION ESTIMATING

The fundamentals of construction estimating are covered. Quantity surveys are made for various building components and prices determined for labor and materials using a current pricing handbook. Standard estimators forms are prepared Computer techniques and applications are also examined

TCMC200 - CONSTRUCTION PROJECT SCHEDULING

Topics include project network planning, scheduling and cost control models. Computer applications to PERT and CPM will be explored and used by the student

TCMC250 - CONSTRUCTION PROJECT CONTROL

The study of information management for the effective project-control. The course will cover gathering of job information and the processing involved in measuring, evaluating and calculating job performance, and reporting the results. Modern day management information systems, practical accounting techniques and computer applications are explored.

TCMC100 - CONTRACTS & CODES

A comprehensive study of construction contracts including conditions of agreement and modifications. Students analyze the Massachusetts State Building Code as it applies to buildings