

THE UNIVERSITY of TENNESSEE CHATTANOOGA



www.utc.edu/etem

Program Mission:

The mission of the Engineering Technology Management (ETM) program at UTC is to provide accessible education in the principles and application of technology management, while preparing students to understand and be productive in the work environment.

What is Engineering Technology Management

Engineering Technology Management (ETM) is an interdisciplinary form of management and engineering involving the application of engineering principles to business practice. The ETM program at UTC brings together the technological problem-solving savvy of engineers and the organizational, administrative, and planning abilities of managers to oversee complex enterprises from conception to completion such as product development, manufacturing, construction, etc.

Two Concentrations:

Students in the ETM program will choose one of two concentrations that best suites their desired career goals.

- B.S. ETM: Construction Management
- B.S. ETM: Engineering Management

General Education Courses*:

Calculus I and Lab
Cultures & Civilizations
Humanities and Fine Arts
Macroeconomics
Microeconomics
Natural Science and Lab
Rhetoric & Composition I & II
Statistics

* See Catalog for specific course options

BS ETM Program Courses:

Architectural Drafting
Computer Aided Design I
Computers in Business
Engineering Economy
Facilities Planning
Fundamentals of Bldg. Construction
Intro. to Project Management
Legal Environment of Bus.
Principles of Accounting I & II
Management Concepts
Statistical Methods for Business II
Technical/ Professional Writing
Work Measurement and Design
Value Engineering

Technical Electives: (15-21 hrs.)

Technical Electives may come from engineering, science, or business courses. They may also come from an engineering technology curriculum. Advisement should be sought from the program advisor as early as possible. For a listing of possible technical electives, visit:

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BS ETM: Engineering Mgt. Courses:

4 Codes and Specifications 3
3 Engineering Management Design 3
6 Engineering Management Internship 4
3 Essentials of Managerial Finance 3
3 Industrial/Organizational Psychology 3
8 Introduction to Logistics Management 3
6 Principles of Marketing 3
3 Quality Control and System Reliability 3

BS ETM: Construction Mgt. Courses:

3 Computer Aided Design II 3
3 Construction Cost Accounting 3
3 Construction Cost Estimating 3
3 Construction Documents Technology 3
3 Construction Management Design 3
3 Construction Management Internship 4
3 Safety and Risk Management 3
3 Construction Scheduling 3
6 Green Building Rating Systems 3
3 Surveying 4

TOTAL: 127 hrs.

Potential Careers:

- Engineering & Facilities Planner
- Product Quality Manager
- Operations Manager
- Project Manager
- Superintendent
- Estimator

Admission Requirements:

- 2.85 GPA and 18 ACT/ 870 SAT or
- 2.30 GPA and 21 ACT/ 990 SAT with 14 core high school units

Submit all application materials to the UTC Undergraduate Admissions by these dates:

Spring	Summer	Fall
December 1	April 15	May 1

Transfer Students:

The BS ETM program provides a means for transfer students with a technology degree from a two-year program to move to a four-year B.S. degree in approximately two years.

For more information:

The University of Tennessee at Chattanooga
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