



UPSTATE

University of South Carolina

Engineering Technology Management

Overview

The mission of the Engineering Technology Management (ETM) 2+2 Bachelor of Science Program is to prepare students for careers in business and industry by combining technical management and refined leadership with the skills students obtain from their specialized associate degree in engineering technology (ET).

This 2+2 program leverages partnerships between USC Upstate and technical colleges to allow students who earned an associate degree in engineering technology (ET) to complete their bachelor's degree at USC Upstate by adding management skills to their technical degree.

Degree completion

The ETM program is designed for working adults who can attend part time with a mixture of evening synchronous (live online evening sessions) and asynchronous online content delivery. Interested students should complete Calculus I and Lab Science requirements before being fully online in ETM.

Act Now

Current technical college ET students interested in the ETM program should make contact immediately with the ETM Program Coordinator to plan for the optimum transfer of credits. More detailed program information is available at www.uscupstate.edu/etm.



Engineering
Technology
Accreditation
Commission

The ETM program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

ETM Curriculum Summary

ETM Major Course Work
(27 hours at USC Upstate)

- Engineering Cost Analysis
- Engineering Work Analysis
- Systems Decision Making
- Engineering Team Theory and Practice
- Quality Practices
- Engineering Project Management
- Senior Seminar

Upper Level Electives

- Business Administration or other related courses - 12 hours
- Elective - 3 hours

Supporting Courses (6 hours)

- Statistical Inference
(transfer or USC Upstate)
- Technical Writing or Technical Presentations (USC Upstate)

Engineering Technology Technical Credits
(31 hours transferred from Technical College)

General Education
(45 hours: transfer or USC Upstate)

*The maximum allowable transfer credits is 76 hours.



Careers

The objective of the ETM program is for graduates to be employed in management and leadership roles with the following job titles once they have three to five years of technical work experience.

- Process Engineer
- Manufacturing Engineer
- Quality Engineer
- Quality Manager
- Quality Technician
- Manager of Technical Staff and Resources
- Manager of Manufacturing Processes
- Operations Management
- Manager of Projects

We expect our graduates to provide leadership, manage quality, improve processes, and manage their careers.



Up is where we live.

Department of Informatics and
Engineering Systems
Engineering and Technology
Management Program
864-503-5894
etm@uscupstate.edu