The Master of Science in Technology Management (MSTM) degree focuses on learning creative problem solving and management principles for technology-driven industries and businesses. It prepares students for upper level positions in the fields of quality, manufacturing, distribution and logistics, automation, and production planning.

Core Courses (15 semester hours)	Choose one of the following:
ITEC 6060 Research Methods for Technology ITEC 6000 Statistical Applications in Technology Mgmt ITEC 6011 Tech Ethics, Diversity, & Leadership ITEC 6200 Technology Project Management ITEC 6406 Capital Project and Cost Analysis for Tech	**Thesis Option** (15 semester hours) Students will conduct thesis research and give a presentation based on the thesis. • ITEC 7000 (6 semester hours) • Choose courses from the approved electives (9 s.h.)
Approved Electives (9-18 semester hours)	**Practicum Option** (15 semester hours) Students will write a report based on their practicum experience and give a presentation. Students may choose to pursue your own independent industry-based practicum. • ITEC 6100 Practicum (3 semester hours) • Choose courses from the approved electives (12 s.h)
IDIS 6515 Logistical Security & Safety Management IDIS 6525 Transportation Logistics Management IDIS 6535 Supply Chain Logistics Management IDIS 6545 Global Logistics Management ITEC 6003 Production Planning & Inventory Mgmt ITEC 6005 Lean Enterprise ITEC 6110 Quality Planning and Analysis ITEC 6112 Design of Experiments for Prod & Processes ITEC 6407 Smart Manufacturing SAFT 6250 Occupational Ergonomics SAFT 6402 Applied Safety Management	**Non-thesis Option** (18 semester hours) Working closely with their advisor, students will create a plan of study by selecting approved electives to address specific interests. • Successful completion of a Comprehensive Exam • Choose courses from the approved electives (18 s.h.)

ADMISSION STANDARDS

Applicants must meet the admission requirements of the Graduate School. Acceptance into any master's degree program in the Department of Technology Systems is based on satisfactory undergraduate grades (minimum overall GPA of 2.7 on a 4.0 scale), resumes, a statement of purpose, and letters of reference. Completion of an undergraduate degree in a field related or significant related technical experience are required for admission. Students with limited technical expertise or a non-related baccalaureate degree are evaluated on a case-by-case basis by each program's Graduate Admissions Committee. In some cases, remedial undergraduate courses or additional graduate courses are required to complement the graduate program. Applicants with relevant professional experience and/or an undergraduate degree earned approximately 10 years ago may for the Professional Track of which may waive the graduate exam requirement.

ADMISSION PROCEDURE

1. Complete and submit a graduate application at gradschool.ecu.edu.
2. Submit any required forms such as the statement of legal residence, statement of purpose, resume, official copies of all transcripts, and three letters of reference to the ECU Graduate School.

THE FINE PRINT

The Department of Technology Systems is a national leader in offering graduate, technology related degrees online. The MSTM degree program is Internet based and permits students to be advised, complete courses, collaborate on projects, conduct research, and complete the degree via the Internet. Each student should have a state-of-the-art computer and reliable high speed Internet access. Students typically spend 10-15 hours per week in preparing for and participating in each course. Most of the students in the program are working professionals who are pursuing the degree for career advancement. Average completion time is 24 months if six credits are taken per term. Courses are scheduled in a sequence over the fall, spring, and summer terms and this allows program entry in any term. All students must meet admission and retention standards established by the ECU Graduate School.

All information provided in this flyer is subject to change without notification. Students and applicants are required to review the Graduate Catalog (catalog.ecu.edu) to learn about the current requirements, regulations, and policies.

For more information contact: Department of Technology Systems, Office of Graduate Studies
Phone: 252-328-9653   Email: mstechsystems@ecu.edu   Website: cet.ecu.edu/techsystems

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