Key Features

⇒ For technologically-oriented professionals and those seeking new career direction.
⇒ Faculty have deep industry work experience in the courses that they teach.
⇒ Students study real-world problems in addition to theory.
⇒ Develop new thinking and practical new skills for today’s workplace.
⇒ Select from four areas of specialization. Learn the latest in Lean and Six Sigma, Supply Chain and Logistics, Environmental Health and Safety, and Computer Networking.
⇒ Graduates possess strong practical, analytical, and theoretical knowledge to position them for future success.

M.S. TM Student Make-Up

Typical students have two or more years of professional work experience.

Students have diverse backgrounds and come from industry; government; and non-profit organizations.

Admission Requirements

◊ Bachelor’s degree from a regionally accredited institution of higher education.
◊ Minimum undergraduate GPA of 2.70 (on a 4.00 point scale, where A is 4.00), or its equivalent.
◊ 3.00 GPA in all post-baccalaureate course work.

Career Outcomes

Choose the M.S. TM program to expand your academic experience and realize your personal and professional goals. Typical job titles include:

◊ Manufacturing Manager
◊ Supply Chain Manager
◊ Commodity Manager
◊ Supplier Quality Assurance
◊ EH&S Manager
◊ Human Resource Manager
◊ Engineering Manager
◊ Technology Manager
◊ Project Manager
◊ Quality Manager
◊ Computer Network Manager
◊ Continuous Improvement Leader
◊ Senior Methods Engineer
Program Overview
(CIP Code 15.1501 — a STEM Program)
The Master of Science in Technology Management prepares professionals for careers requiring the innovative technical and leadership competencies necessary to improve work processes and results in industry, government, or non-profit organizations. The M.S. TM program combines advanced study in complimentary disciplines. Core program requirements focus on leadership, product development, project management, and process improvement across the enterprise. Elective courses can be taken in one of four areas of interest, or students can choose courses from across the four areas. In consultation with faculty academic advisors, students’ plan of study is tailored to meet individual needs to prepare them for greater professional responsibility and advancement in their field. The M.S. Technology Management program is a flexible program designed to meet the needs of technologically-oriented professionals or those seeking new career direction. Many of the courses are offered as hybrid face-to-face/online or 100 percent online. All hybrid and face-to-face courses are taught in the evening to accommodate working professionals.

Core Courses
- TM 500 Product Life Cycle Management
- TM 510 Industrial Operations Management
- TM 551 Project Management
- TM 561 Applications of Lean Principles
- SCLM 562 Supply Chain Strategy
- TM 572 Innovative Leadership

Elective Courses
- Lean Manufacturing and Six Sigma
  - TM 464 Six Sigma Quality
  - TM 490 Advanced Six Sigma Quality
- TM 502 Human Behaviors in Complex Orgs.
- TM 564 Quality Systems Management
- TM 590 Decision Failure Analysis in TM
- AC 521 Accounting for Lean Enterprises
- SCLM 563 Strategic Logistics Management
- SCLM 565 Logistics: Traffic and Transportation
- SCLM 566 Distribution and Warehouse Mgmt.
- SCLM 570 Supply Chain Modeling & Analysis
- SCLM 576 Autonomous Logistics

Environmental, Health, and Safety
- TM 411 Industrial Hygiene
- TM 414 Accident Investigation
- TM 415 Fire Protection and Prevention
- TM 456 Hazardous Material Management
- TM 511 Safety Training Methods
- TM 512 Principles of Occupational Safety

Computer Networking
- CET 501 Applied Networking Technology
- CET 502 Applied Networking Technology II
- CET 533 Digital Telecommunications
- CET 559 Applied Network Security

Other Electives
- TM 596 Technological Issues and Problems
- SET 590 International Course Abroad

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M.S. TM Program Learning Outcomes
The M.S. TM program is designed to yield four learning outcomes that are in demand in today’s workplace. They are:

1. Lead technologically-oriented teams and organizations.
2. Create a Lean work environment though the daily application of Lean principles and practices.
3. Manage operations, human resources, and other vital functions and processes to deliver value to customers.
4. Use structured problem-solving methods to make sound decisions.

More than a thousand students have graduated from the M.S. TM degree program. It has a proven record of advancing students’ knowledge and advancing students’ careers.

Study Abroad