



# MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT

## Program Overview

The Master of Science in Technology Management (MSTM) program provides graduate level education for highly motivated professionals concerned with the supervision of personnel across the technical spectrum and a wide variety of complex technological systems. Graduates of this program play leadership roles involving technology innovation, development and deployment of new technologies across a broad spectrum of industries, and decision-making to improve business performance.

The program also offers a Professional Science Masters (PSM) concentration on Construction Science and Management (CSM). The PSM-CSM concentration is for professionals to take leadership roles in the construction industry.

## Program Track Areas

- Technology Management
- Industrial Management
- Information Technology Management
- Supply Chain Management
- Construction Management
- Graphic Design Technology

## Admission Requirements

- Bachelor's degree from an accredited institution in a related field
- GPA of 3.0 or better
- Three recommendation letters
- Personal statement
- (International students only) TOFEL (>79) or IELTS (>6.0)
- Conditional admission may be considered

## Curriculum

Total credit hours: 30

- All students: 9 Hours of Program Core MSTM 701, 703, 704.
- Thesis option: (1) 15 Hours of Electives from MSTM or AET graduate level courses, or other relevant graduate level courses from other departments/colleges, (2) 6 Hours of Thesis: MSTM 797 and (3) pass thesis defense and submit the thesis
- Non-thesis option: 21 Hours from MSTM or AET graduate level courses, or other relevant graduate level courses from other departments/colleges.

## Research Areas

- Advanced manufacturing
- Cyber-physical systems
- Internet of Things applications
- Combustion and propulsion
- Advanced materials
- Advanced battery technology
- Fire protection
- Quality control and supply chain
- Technology management and innovation



## Employment Opportunities

Graduates of the program find employment in manufacturing, electronics, graphic design, construction, and many other companies as well as government agencies.

Employment Opportunities for graduates of the program include: Project Manager, Product Manager, Quality Manager, Purchasing/Sourcing Manager, Supply Chain Manager, Network Manager, Database Administrator, IT Manager, and Senior Business Analyst.

Examples of companies that hire our students are Amazon, AT&T, John Deere, Cummins, IBM, Northrop Grumman, Kiewit Construction, Balfour Beatty Construction, Accenture Consulting, Nike, and Black & Veatch.

## Financial Aid

Competitive financial aid packages are available from the university and faculty funded projects. Financial aid is based on merit and availability of funds.

## Contact Information

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<https://www.ncat.edu/cost/departments/applied-engineering-technology/index.php>

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