



# 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 is offered both online and on campus. Three optional concentrations are: Six Sigma, Advanced Manufacturing, and Construction Management.

## Admission Requirements

- Bachelor's degree from an accredited institution in a related field
- GPA of 3.0 or better (on a scale of 4.0)
- Two recommendation references
- Personal statement
- (International students only) TOFEL (>79) or IELTS (>6.0)
- Conditional admission may be considered

## Degree Requirements

Total credit hours: 30 Hours

- All students: 12 Hours of Program Core Courses AET 701, 702, 703, and 704.
- Thesis option: (1) 12 Hours of AET and/or other relevant graduate level electives, (2) 6 Hours of AET 791, and (3) pass thesis defense and submit the thesis.
- Non-thesis option: 18 Hours of AET and/or other relevant graduate electives with approval from the advisor.
- Concentration: Students can choose one of the following three concentrations by taking 12 Hours of specified courses: Six Sigma (AET 610, AET 705, AET 722, and AET 772), Advanced Manufacturing (AET 674, AET 675, AET 710, and an Elective), and Construction Management (CM 692, CM 708, CM 710, and CM 764).

## Faculty Research Areas

- **Engineering Technology**
  - Advanced materials & manufacturing
  - Automotive technologies
  - Combustion and propulsion
  - Computer graphics
  - Cyber-physical systems
  - Energy storage and batteries
  - Fire protection
- **Technology Management**
  - Project management & quality control
  - Supply chain management
  - Technology innovation
- **Construction Management**
  - Construction safety & risk management
  - Housing and energy assessment
  - Sustainable materials & construction



## Employment Opportunities

Graduates of the program find employment in manufacturing and technology companies, construction firms, and government agencies. Some continue their doctoral study in technology management or related field.

Job titles for graduates include (but not limited to): Chief Executive Officer, Chief Technology Officer, Project Manager, Quality Manager/Engineer, Supply Chain Manager, Technology Manager, Network or IT Manager, and Business Analyst.

Examples of companies that hire our graduates include Amazon, AT&T, Balfour Beatty Construction, IBM, John Deere, Kiewit Construction, Microsoft, Northrop Grumman, and Volvo.

## Financial Aid

Competitive financial aid packages are available from university and faculty funded projects that include tuition, fees, health insurance, teaching assistantships, and research assistantships. Financial aid is based on merit and availability of funds.

## Contact Information

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