

## Technology Management (M.S.)

The Technology Management M.S. Program includes 33 credits.

### Technology Management Core (15 credits)

- MET 505 Economic Analysis for Engineering and Technology
- MFG 671 Systems in Manufacturing
- TMGT 601 Technology and the Supervisor
- TMGT 607 Statistics for Experimental Research in Technology
- TMGT 698 Research Methods

### Choose one of the following concentrations: (9 credits)

Additional undergraduate course work may be required to correct deficiencies.

**Automotive Concentration:** The Automotive Concentration prepares individuals for career enhancement and or advancement within the automotive industry.

- AET 533 Service Facility Organization and Management
- AET 557 Fleet Management
- AET 577 Advanced Vehicle Technologies

**Manufacturing Concentration:** The Manufacturing Concentration prepares individuals for certification and professions in Manufacturing, e.g., Manufacturing Engineer or Manufacturing Manager.

- TMGT 563 Quality and Process Control
- TMGT 571 Production Planning and Control I
- TMGT 578 Industrial Organization and Functions

**Mechanical Engineering Technology Concentration:** The Mechanical Engineering Technology Concentration prepares graduates to have advanced careers in the analysis, design, development, implementation, testing, maintenance, management, or technical sales of complex mechanical systems and processes.

- MET 504 Engineering Design and Management
- MET 608 Application of Simulation Modeling and Analysis
- MET 633 Computer Aided Graphics Software

**Packaging Concentration:** The Packaging Concentration is designed to prepare technical managers for service in the field of packaging engineering and design.

- PKG 582 Package Development and Analysis
- PKG 584 Packaging Design, Analysis and Testing
- PKG 586 Packaging Machinery Systems

**Quality Concentration:** The Quality Concentration prepares individuals for certifications in quality and professions in quality, e.g., Quality Engineer, Quality Manager, or Six Sigma.

- MET 611 Experimental Design and Process Analysis
- MET 612 Reliability, Maintainability, and Serviceability
- TMGT 563 Quality and Process Control

### Electives: (3 credits)

Select 3 credits in consultation with advisor

### Culminating Experience: (6 credits)

Choose 6 credits from the list below: TMGT 697 may be repeated to fulfill the 6 credits required.

- TMGT 697 Major Project
- TMGT 699 Master's Thesis

**Note: A comprehensive examination may be required in each of these options.**