Welcome

The Master of Science in Engineering Technology Management (MSETM) develops leaders to support the needs of the modern world-wide industry. The curriculum enhances both career and personal objectives. Graduates of the program are equipped to manage organization resources, lead technological change, and strategically integrate higher level knowledge within their companies.

Engineering Technology Management is vitally important for both private and public-sector organizations that must manage the fast pace of technological change. Today, all businesses and public organizations are managed with and through technology. Understanding the technological basis of management activities is essential for modern management. For example, information technology is used in planning and controlling operations and in marketing. Product and production technologies are used in designing and producing products. Service technologies are used in delivering services. Technologies impact the entire organizational structure and its operation.

The MSETM provides a broad-based core of management competency in the central business functions, along with a deep understanding of the technologies that enable specific business capabilities. Courses develop technical management competency while allowing the student to customize their depth of study in specific technologies that enhance long-term professional career goals.

The purpose of this program is to develop leaders with skills, knowledge, and vision to manage changing business needs for economic and community development that increases international competitiveness.

Admission Requirements

Application and all supporting materials (i.e., transcripts, GRE scores) need to be received in the Graduate School by the dates listed below to ensure adequate time for departmental review. Applicants can apply online at www.wku.edu/graduate.

Application Deadlines
Fall Semester: June 15

Spring Semester: November 15

Summer Term: Contact Department

Please note: To be eligible for any type of financial aid or a graduate assistantship, you must be admitted in good standing to a degree program. Non-degree seeking students are ineligible for financial aid and graduate assistantships.

Applicants to the MSETM program must have the following:
Bachelor’s degree from an accredited college or university
- Official Transcripts
- Meet the admission requirements of the WKU Office of Graduate Studies (see GRE below)
- Completion of the GRE

International students may apply for acceptance into the program by completing the above or apply for conditional admission through one of the following:

1. Complete English as a Second Language Institute (ELSI) with the GRE
2. Apply to Navitas and complete the Pre-Masters Program (PMP) for Engineering Technology Management

GRE Score

For most students, the MSETM program requires completion of the Graduate Record Examination (GRE) General Test regardless of undergraduate grade point average.

The GRE General Test assesses verbal and quantitative ability. The GRE test scores must be received by the Office of Graduate Studies and Research prior to admission. The admission decision is based upon both the undergraduate transcript grade point average and the GRE verbal and quantitative scores. For more information on interpretation of GRE scores, go to the Graduate School-Admissions Requirements and click on Interpreting GAP scores. The department prefers a composite GAP score (GPA*100 + overall GRE score) of 550 or higher with a score of at least 139 on the verbal and quantitative portions of the exam. Applicants with a GAP or verbal/quantitative score lower than this may still be accepted into the program with conditions. Each application will be reviewed on a case-by-case basis.

Previous graduate course work does not have any bearing on admission requirements (i.e., GAP score calculation). Conditional/alternate admission can be granted into the MSETM program, but additional application materials (work samples, statement of career goals, letters of support, etc.) may be required. Applicants who do not meet the requirement may pursue alternate admission strategies.

A GMAT score can be used in place of the GRE upon request.

Degree Program Requirements

Students may choose to takes classes via face-to-face or in an online format. All courses are available online. Courses are offered every eight weeks in the fall and spring and have no prerequisites.

Required Courses (33 credit hours)

Core Courses (12 credit hours required)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AMS 520</td>
<td>Resource Management</td>
<td>3.0</td>
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<tr>
<td>AMS 655</td>
<td>Project Management</td>
<td>3.0</td>
</tr>
<tr>
<td>AMS 590</td>
<td>Operations Leadership</td>
<td>3.0</td>
</tr>
<tr>
<td>AMS 671</td>
<td>Quality Management</td>
<td>3.0</td>
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Technical Concentration (9 credit hours required)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AMS 510</td>
<td>Emerging Technologies</td>
<td>3.0</td>
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</tbody>
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AMS 540  Theory of Constraints  3.0
AMS 594  Lean Systems  3.0
AMS 580  Six Sigma Quality  3.0
AMS 588  Product Development  3.0
AMS 650  Supply Chain Management  3.0

Electives (3 credit hours required)
AMS 530  Automated Data Collection Systems  3.0
AMS 535  Workforce Development  3.0
AMS 630  Legal & Ethical Issues in Technology  3.0

University Requirement (3 credit hours required)
AMS 571  Research Methods  3.0

Thesis or Project Option (6 credit hours required)
AMS 599  Thesis (thesis option)  6.0
AMS 690  Graduate Project (non-thesis option)  6.0

Important Documents
- MSETM Thesis/Project Procedures
- Thesis (AMS 599) Writing Guide
- Graduate Project (AMS 690) Writing Guide

Recommended Sequence of Courses
Certain courses may offered on a rotating basis, so please plan your program of study carefully. Contact Dr. Mark Doggett, the academic advisor for the program, for additional information on course offerings at mark.doggett@wk.edu.

Financial Aid

Eligibility
Financial Aid includes grants and loans for educational purposes. The government requires the student to file a form online to the government agency for this purpose which is called FAFSA at www.fafsa.ed.gov to apply. Once that form is completed and filed, the student will receive an email from WKU about the status. All financial aid comes through the WKU Student Financial Aid office and they communicate mostly through email. The email will explain all the grants and/or loans that are available to the student and how to receive the money.
Nearly all students are eligible for some form of financial assistance. In fact, over 90% of the students who applied for financial aid in recent years received an award offer. Every effort is made to assist you and your family in obtaining the resources necessary to meet the difference between the total cost of attending Western Kentucky University and your ability to contribute toward your education.

If you would like to apply for financial assistance (loans, grants, scholarships, veteran's benefits) the first step is to complete the Free Application for Federal Student Aid (FAFSA) at www.fafsa.ed.gov. Please refer to the Financial Aid Guide for additional information and complete instructions.

Please keep in mind, student must maintain satisfactory academic progress to continue to qualify for financial aid. For additional information on receiving, and keeping your financial aid, please refer to the WKU Financial Aid website to review the complete policy on Satisfactory Academic Progress at http://www.wku.edu/financialaid/sap.php.

Useful Links
A list of useful websites, information and forms for MSETM students is available at http://www.wku.edu/msetm/current.php.

Contact Information

Department Contact
Program Director: Mark Doggett
Email: mark.doggett@wku.edu
Phone: (270) 745-6951
Web: www.wku.edu/msetm/index.php

WKU Online
Email: learn.online@wku.edu
Phone: (270) 745-5173
Toll-Free: (888) 4WKUWEB / (888) 495-8932