PROGRAM COMPONENTS AND COURSE REQUIREMENTS

ENGINEERING MANAGEMENT 30 CR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 5050</td>
<td>Continuous Improvement in Operations</td>
<td>3 cr</td>
</tr>
<tr>
<td>EM 5080</td>
<td>Advanced Quality Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>EM 6000</td>
<td>Concepts and Principles of Engineering Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>IE 6060</td>
<td>Capital Budgeting and Cost Analysis</td>
<td>3 cr</td>
</tr>
<tr>
<td>EM 6120</td>
<td>Production/Operations Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>EM 6140</td>
<td>Project Management</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

*Plus 12 credits of elective courses

FROM KALAMAZOO TO KENYA

I joined a diverse network of professionals, students, and faculty that challenged my perspectives and developed my approach, both personally and professionally. The Faculty is distinguished in their own right, and the program design is current, engaging, and impeccably executed. It’s no surprise that it consistently ranks as one of the TOP PROGRAMS IN THE NATION.

CHRISTOPHER CUMMINGS, ENGINEERING MANAGER, STRYKER MEDICAL R&D

THE INNOVATION YOU WANT, THE FLEXIBILITY YOU NEED

Designed with the working professional in mind at WMU-Grand Rapids or WMU-Tampa Bay in Riverview, FL.

Engineering Management is the degree that bridges the gap between engineering and business, focusing on leadership and skills necessary to manage people, money, projects and systems.

Hybrid degree offered in the Tampa Bay area meets just 3 weekends a semester, while Grand Rapids offers the traditional college classroom experience.

Full-time faculty with experience from University of Florida, Virginia Tech, Penn State and Michigan State, with each having over 20+ years instructing and working within organizations like Ford, Stryker, and Steelcase. You’ll be given ample time to finish the program so you can learn part-time and earn your degree at a pace that best suits your lifestyle.

*Plus 12 credits of elective courses

EARNED CREDENTIALS

- PMI 36 Professional Development Credits
- IISE Continuing Ed Partnership with IISE for Greenbelt
- ASEM Associate Engineering Manager Certification

ADDITIONAL INFORMATION

www.wmich.edu/extended/academics/engineering-management/
WHERE ENGINEERING AND MANAGEMENT MEET

The Master of Science in Engineering Management can be earned in as little as 2 years and requires 30 credit hours of work that includes 18 hours of core courses and 12 hours of approved electives. The specific career path objectives of the individual may be met by focusing the electives and optional thesis or project. The demand for leadership in modern manufacturing and service-based industries has dramatically increased the need for people with technical and managerial skills. Because engineering management graduates understand materials, processes, and people, they are looked upon as ideal candidates for leadership positions in industry. The variety of career opportunities open to those who have both technical competence and managerial skills is growing and will continue to grow.

MANAGING PEOPLE, MONEY, AND PROJECTS

WMU’s M.S. in Engineering Management prepares students for success and for leadership positions in the engineering and technical fields. It focuses on developing core leadership and managerial skills and abilities to lead technical organizations while interacting with all elements of that organization. This program has an emphasis on understand the connection between the engineering and technical world and the business insight needed to lead and succeed as a senior manager.

BENEFITS TO STUDENTS:
• More influence in your organization
• Greater job responsibility
• Higher earning potential
• Rapid career advancement

LEARN MORE
ONLINE OR BY PHONE:
WMU-Regional and Online
wmich.edu/extended
(269) 387-4200