

MASTER ENGINEERING MANAGEMENT

100% ONLINE DEGREE



THE OHIO STATE UNIVERSITY

COLLEGE OF ENGINEERING



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UNIVERSITY**

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**THE OHIO STATE
UNIVERSITY**

FISHER COLLEGE
OF BUSINESS



**THE OHIO STATE
UNIVERSITY**

JOHN GLENN COLLEGE
OF PUBLIC AFFAIRS



Master of Engineering Management

Be prepared to lead from any level in your organization and empower yourself with the Master of Engineering Management (MEM) degree that is offered 100% online. The MEM will enable you to develop a compelling vision and an understanding of how to tackle strategic initiatives to create more value within your organization.

Learn new engineering management and business skills and also a better understanding of policy and the business-government relationship – all in one graduate degree. The MEM is made possible through a partnership between the College of Engineering and the Fisher College of Business and the John Glenn College of Public Affairs.



“The online format is key to balancing a master’s degree with a demanding full time engineering job and family.”

Graduate - 2016

Why MEM?

REPUTATION

Earn a degree from a globally-recognized university and highly ranked College of Engineering

CAREER GROWTH

Engineering manager’s average salary \$140,760*

*US Bureau of Labor Statistics

CONVENIENCE

100% online and a flexible format for working engineers

Curriculum

The Master Engineering Management is a 30 credit hour degree with a curriculum that aims to transform engineers into exceptional leaders in their field. The integrative curriculum consists of five core courses in engineering management and the choice of four elective courses providing additional education in business, engineering, and policy. A capstone course in Operational Excellence for Engineers provides a culminating experience for students and an opportunity to solve real-world challenges by utilizing the skills learned from the MEM courses while implementing the principles of operational excellence in an organization.

Core Courses

ENGR 6210 Leadership and Team Effectiveness

ENGR 6220 Financial and Managerial Accounting for Engineers

ENGR 6230 Technology Strategy and Innovation Management

ISE 6801 Project Management for Engineerings

ISE 5760 Visual Analytics for Sensemaking



Elective Course Options

The elective courses provide opportunities for students to enhance their engineering management skills in areas of sustainability, global supply chain, risk analysis, policy, and data analytics. Students select courses from the following to fulfill the electives portion of the curriculum and they must take at least 3 credit hours in Engineering.

College of Engineering

- ENVENG 5600 Science, Engineering and Public Policy
- ENVENG 6600 Assessment for Human Rights and Sustainability
- ISE 5810 Lean Sigma Foundations
- ENGR 7200 Engineering Ethics and Professionalism

College of Business

- MBA 6233 Operations Management
- BUSMHR 7244 Negotiation
- MBA 6273 Data Analysis for Managers
- MBA 6253 Marketing Management

College of Public Affairs

- PUBAFRS 5610 Innovation, Policy, and the Global Economy
- PUBAFRS 5750 The Business-Government Relationship
- PUBAFRS 5770 Risk and Decision Analysis in Public Affairs
- PUBAFRS 6050 Management in Public Agencies
- PUBAFRS 6060 Managerial Leadership in Public and Nonprofit Organizations
- PUBAFRS 6075 Data, Models & Evaluation

Capstone Course

The capstone course is a culminating experience during which students complete a project in their organization to address a real-world program that involves cost, quality, delivery or a combination of these. Through the project students demonstrate their ability to use their new analytical, management, leadership, and project management skills, as well as the newly acquired principles of operational excellence.



Admissions Information

The MEM program accepts applications year round and offers rolling admissions - meaning that students can start the program during any academic term (Spring, Summer, or Autumn).

Applicants must have an earned bachelor's degree in engineering and at least one year of professional work or internship experience.


Contact Us with Questions

email: eng-profed-mem@osu.edu

phone: 614-292-0393

**No GRE
for qualified
applicants!**

Apply Online at: MEM.OSU.EDU



**Become a Buckeye from
anywhere in the world**



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COLLEGE OF ENGINEERING

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