The Master of Engineering Management (MEM) is a professional practice-oriented advanced degree offered by the University of Nebraska College of Engineering in collaboration with the University of Nebraska College of Business Administration. The MEM program combines advanced engineering coursework and graduate business classes, providing engineers and technical professionals the effective administration and management skills needed for the workplace. The MEM degree is appropriate for engineers and technical professionals in all fields and is designed for those who want to expand their business acumen while also advancing their technical knowledge.

At $630 per credit hour, the MEM is one of the most affordable online graduate engineering programs ranked by the US News & World Report and a great value for the money.

This part-time program requires 30 credit hours, taking two to four years to complete. The program features flexible scheduling, with courses available online (some electives available on campus).

- Centered on relevant topics and allows technical professionals to relate learning experiences with workplace challenges
- Topics include organizational structure and development, supply chain management, finance, accounting, project management, business theories and practice
- Integrate management and engineering methods in solving problems, making decisions, and managing risks
- Learn data-driven management principles to confidently lead projects that are innovative and cost effective

Our MEM program prepares you for the management of business challenges in your engineering career. The curriculum gives you the acumen to effectively lead in an engineering environment, to successfully respond to technical and business challenges, and to support your organization to be agile and competitive in a global economy.

Dr. Jena Shafai Asgarpoor
Associate Professor of Practice, Durham School, Director, Master of Engineering Management (MEM) Program

mem.unl.edu
The MEM program requires 30 credit hours. All courses are 3 credit hours intended to be completed in an eight-week period. At least 15 credit hours must be completed in engineering coursework (required 3 MEM courses and 2 engineering elective courses), 9 credits must be MBA courses and 6 credits can be either engineering, MBA or other. Courses are available online and with some electives available on campus. Course descriptions are available on mem.unl.edu.

Core Coursework
- Analysis of Engineering Management I
- Decision and Risk Analysis
- Analysis of Engineering Management II

MBA Courses
The following courses have been offered in the MBA program:
- Introduction to Business Strategy
- Financial Accounting
- Managerial Finance
- Managerial Economics
- Managerial Marketing
- Applied Organizational Behavior
- Supply Chain Management
- Strategic Human Resource Management
- Business Analytics
- Other electives available

Engineering Electives
The following courses have or will be offered in the MEM program:
- Engineering Leadership
- Technical Project Management
- Engineering Law
- Sustainability
- Total Quality Management Using Six Sigma Techniques
- Reliability Engineering
- Applied Statistics and Quality Control
- Quality Engineering
- Other electives available

"I am able to apply topics such as project management, risk analysis, quality management and financial justification to improve projects and internal processes at work. This degree has also given me a broader understanding of business and management that I can apply to my work universally."

Jay Steinman
MEM Class of 2017, Huffman Engineering

mem.unl.edu

ADMISSION REQUIREMENTS
- At least 1-2 years of relevant work experience required (depending on type of experience)
- 3.0 GPA or higher recommended
- A Bachelor of Science (or higher) degree in engineering or quantitative area
- One academic year of Calculus
- An introductory, calculus-based probability and statistics course
- An engineering economy course
- Completion of at least one engineering science course
- International students need a score of at least 550 on the paper-based TOEFL; 79 on the Internet-based TOEFL or an International English Language Testing System (IELTS) overall band score of at least 6.5
- NO GMAT OR GRE REQUIRED

GET STARTED!
Find out more about the degree program (tuition/fees, course descriptions, faculty) along with admissions and enrollment steps:

College of Engineering: mem.unl.edu
To apply (Office of Graduate Studies):
unl.edu/gradstudies/prospective/programs/EngineeringManagement

For advising and additional information, contact:
Micah Chaffee, Program Coordinator
College of Engineering
The Peter Kiewit Institute
1110 S. 67th St.
Omaha, NE 68182
(402) 554-5929 • mchaffee4@unl.edu

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