Are you a motivated engineer seeking to quickly advance in your career?

UMass Engineering Management MS Program
Your Choice: Online, On-Campus, Blended

Elevate your engineering career by building on your technical foundation with sound leadership, decision-making, and systems, project and operations management skills!

Be an engineering leader!
- Broaden your skill set
  - Management and leadership
  - Systems engineering
  - Project management
  - Engineering decision-making
  - Optimization and simulation
- Deepen your engineering expertise

- Redesigned 30-credit program → Complete in 1 - 2 years
- Flexible schedule
  - Take up to two courses before enrolling;
  - Continue taking courses on campus, or take courses online while working full time.
    - Many companies support these programs at little or no cost to employees.
- Flexible curriculum requiring both management and technical core courses

Technical/Analytics Core (choose at least 3)
- Human Factors Design
- Principles of Systems Engineering
- Engineering Economic Decision Making
- Network Optimization
- Multi-criteria Decision Making and Decision Analysis
- Analytics and Statistical Learning Optimization
- Advanced Production Planning

Management Core (choose at least 3)
- Financial and Managerial Accounting
- Strategy-Driven Engineering Innovation
- Engineering Project and Information Management
- Engineering Leadership and Entrepreneurship
- Business Law
- Negotiations

- Broad selection of electives (see http://www.umassulearn.net/classes for online electives)
  - Industry practicum and independent study with industry sponsor or faculty adviser
  - Technical courses to deepen your engineering expertise within your field
  - College of Engineering Courses: Linear Programming, Non-Linear Programming, Simulation-Based Optimization, Logistics, Windpower Systems, etc
  - Isenberg courses: Leadership and Organizational Behavior, Business Intelligence and Analytics, Business Data Analysis and Statistical Methods, Operations Management, Supply Chain Analytics, Deterministic and Stochastic Models, etc

For more information please visit https://mie.umass.edu/engineering-management-ms or contact Prof. Ana Muriel, Program Director, Engineering Management, muriel@umass.edu.