



What can I do with a major in... ENGINEERING MANAGEMENT

The Engineering Management major is a four-and one-half year program designed to provide students with the knowledge and skills needed to excel in business fields which require a moderate level of technical skill. This program includes foundational and advanced engineering and business courses, plus upper level electives in business and engineering, depending upon student career interest. Students completing this program are prepared to function effectively in areas such as factory supervision, manufacturing engineering, quality assurance, facilities management, project management, and technical sales/support.

What types of work are related to this degree?

Product Management	Technical Analyst
Project Management	Environmental Control
Industrial Engineer	Safety Specialist
Quality Control/Compliance	Buyer
Technical Sales	Business Analyst
Sales Engineer	Production Supervisor
Consultant	
Facilities Management	
Supply Chain Management	
Construction Management	
Entrepreneurship	

More information online
at ONETonline.org

Who employs people with this degree?

- Contracting and consulting firms
- Manufacturing firms
- Construction industries
- Public utility companies
- Government agencies
- Pharmaceutical companies
- Insurance companies (Safety)
- Medical device companies
- Communications or telecommunications
- Aerospace or defense industry
- Transportation industries
- Large corporations
- Small to mid-size companies

General Strategies for Success:

- Many medium-to-small and medium-to-large companies in technical fields see the value in an Engineering Management degree as they are in need of business graduates with technical savvy and engineers with business savvy.
- Because Engineering Management is a Multidisciplinary degree and is not geared toward a specific field, your resume should clearly communicate your career goals through your course work and internship experiences.
- Because of rapid changes in most engineering fields, both continued education and keeping abreast of new developments are important. Research types of certifications that are important in your desired field. Consider pursuing these certifications prior to graduation.
- Do an internship at a company that typically hires engineers and use this opportunity to build your professional network.
- Courses in business, engineering, math and science will help you acquire the skills needed to bridge the gap between engineering and business.

Select Professional Associations:

American Society for Engineering Management	The Sales Association
Project Management Institute	American Society for Engineering Education
Product Development and Management Association	Society of Women Engineers
Council of Supply Chain Management Professionals	American Society of Transportation & Logistics
Supply Chain Management Association	American Management Association
Institute for Supply Management	Manufacturers' Agents National Association
Technical Sales Association	American Production & Inventory Control Society

This information represents possible occupations and strategies for careers with this major. As with any job or career, there may be additional qualifications or experience needed. For more information and options, make an appointment with Career Development or check out our online resources on our website or on theROCK, Career Development tab.