

The image features a central blue oval containing the text "Engineering Management" in white, bold, sans-serif font. The oval is set against a background of white with several thin, light gray curved lines and dashed lines that create a sense of motion or a technical drawing. A thick black curved shape is positioned behind the blue oval on the left side.

Engineering Management

General Engineering

Research and development

Design

Production

Operations

Management

Consulting

Sales and marketing

Law

Manufacturing

Healthcare

General Engineering Employers

Engineering companies

Consulting companies

Industry

Local, state, and federal
government

Colleges and universities

General Engineering Strategies

Obtain relevant experience through co-ops or internships for industry-related career.

Develop strong verbal, written, teamwork and problem-solving skills.

Pursue Master of Science (MS), Master of Engineering (ME), or Master of Business Administration (MBA) degrees for increased opportunities in management.

Learn federal, state and local government job application procedures. Pursue Professional Engineering licensure.

General Engineering Information

A bachelor's degree provides a wide range of career opportunities in industry, business and government.

Develop excellent verbal and written communications skills including presentation and technical report writing. Learn to work well on a team to maximize collaborations with other engineers and those outside of the profession.

Develop computer expertise within field.

Other helpful traits include intellectual curiosity, creativity, technical aptitude, perseverance and a basic understanding of the economic and environmental context in which engineering is practiced.

Because of rapid changes in most engineering fields, both continued education and keeping abreast of new developments are very important.

Join relevant professional associations, attend meetings, participate in design competitions and stay up-to-date on research/publications.

All states and the District of Columbia require registration of engineers whose work may affect the life, health or safety of the public.

Professional or technical societies confer certification in some areas.

Research Fundamentals of Engineering (FE) exam requirements, as this exam is typically the first step in becoming a Professional Engineer (PE).

Professional Engineer (PE) licensing guidelines vary by state. Check with the National Council of Examiners for Engineering and Surveying (NCEES) for links to state boards.

Become familiar with the federal job application and employment procedures.