A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting, or a combination.

**SKILLS**

Students completing the degree program will have a strong background in mathematics, science, and engineering, an understanding of professional and ethical responsibilities, and the ability to communicate effectively.

**CAREER PATHS**

PROCESS ENGINEER
OPERATIONS RESEARCH ANALYST
LOGISTIC ENGINEER
PROCESS ENGINEER
SUPPLY CHAIN MANAGEMENT
DATA MINING ANALYST
STATISTICIAN
QUALITY CONTROL ENGINEER
COMBUSTION ENGINEER
PROCUREMENT ENGINEER
ECONOMIC ANALYST
ENVIRONMENTAL HEALTH & SAFETY MANAGER

**WHO HIRES INDUSTRIAL ENGINEERING AND MANAGEMENT MAJORS**

Textron Aviation
Turner Broadcasting System Inc.
J.B. Hunt
ArcBest
Halliburton
WPX Energy
West Corporation
Phillips 66

American Airlines
Georgia Pacific
Spirit AeroSystems
Anheuser Busch
Liberty Mutual
Walmart
STARTING AVERAGE SALARIES

(DATA GATHERED FROM
OSU CEAT GRADUATES)

2016 — $70,659
2017 — $70,600
2018 — $70,000

TIPS FOR SUCCESS IN INDUSTRIAL ENGINEERING

Obtain an internship or co-op experience during your college career in order to discover your interests, gain experience, and contribute to your resume.

Be comfortable working in group environments, you will have a lot of team oriented projects while in school to prepare you for becoming a professional engineer. Engineers work together solve vast problems. Working with others may show you a better ways to solve a problem.

Take advantage of all of the free tutoring available on campus. Tutors are usually past students.

GET INVOLVED ON CAMPUS

Institute of Industrial and Systems Engineers (IISE)
Engineers Without Borders (EWB)
Society of Women Engineers (SWE)

Additional Resources About Industrial Engineering and Management Careers:

Industrial Engineering Management OSU: https://iem.okstate.edu/
IEM Honor Society: https://orgs.okstate.edu/apm/
Professional Society: https://www.iise.org

MARKETABLE SKILLS OF INDUSTRIAL ENGINEERING

AND MANAGEMENT GRADUATES

Ability to think broadly, but in specific terms
Able to understand business parameters
Production processes
Highly organized
Efficiency
Improve upon design
Critical thinking
Project planning/management

For More Information About Industrial Engineering and Management at OSU:

Prospective Student Services:
(405) 744-5276

Career Services:
(405) 744-3858