

What to do with a degree in...

INDUSTRIAL ENGINEERING AND MANAGEMENT

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

Industrial Engineering and Management focuses on systems that provide products (goods and services) for customers throughout the world. Industrial engineers define, design, build, operate, and improve production processes that convert resources to products effectively, efficiently, and safely.

Graduates with an IEM degree are prepared for professional practice in defining, designing, implementing, operating, and improving processes with a heightened focus on quality (including customer satisfaction) and management.

CAREER PATHS

BUSINESS SUPPORT MANAGER
CONSULTANT
COMBUSTION ENGINEER
DATA MINING ANALYST
ECONOMIC ANALYST
LOGISTICS ENGINEER
MANUFACTURING ENGINEER
OPERATIONS RESEARCH ANALYST
PRICING & SUPPLY CHAIN ANALYST
PROCESS ANALYST
PROCESS ENGINEER

PROCUREMENT ENGINEER
QUALITY CONTROL ENGINEER
SOFTWARE CONSULTANT
STATISTICIAN
SUPPLY CHAIN MANAGEMENT
SUPPLY QUALITY ENGINEER

WHO HIRES INDUSTRIAL ENGINEERING AND MANAGEMENT MAJORS

Amazon
American Airlines
Anheuser Busch
ArcBest
Georgia-Pacific
Halliburton
J.B. Hunt
Liberty Mutual

Phillips 66
Spirit AeroSystems
Textron Aviation
Turner Broadcasting System Inc.
Walmart
Webco
West Corporation
WPX Energy



STARTING AVERAGE SALARIES

(DATA GATHERED FROM
OSU CEAT GRADUATES)

2017 - \$70,600

2018 - \$70,000

2019 - \$66,000

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

Alpha Pi Mu - Industrial Engineering Honor Society
American Production and Inventory Control Society (APICS)
Institute for Operatins Research and Management Sciences (INFORMS)
Institute of Industrial and Systems Engineers (IISE)
Society of Women Engineers (SWE)

Additional Resources About Industrial Engineering and Management Careers:

iem.okstate.edu

orgs.okstate.edu/apm

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

HireOSUGrads.com