

INDUSTRIAL ENGINEERING & 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.

CAREER PATHS IN INDUSTRIAL ENGINEERING

- Applications Engineer
- Associate Technical Professional
- Business Analyst
- Business Development
- Consultant
- Design Engineer
- Distribution & Operation Resource
- DOT Compliance Engineer
- Economic Analyst
- Environmentalist Specialist
- General Manager
- Industrial Engineering Supply Chain
- Logistics Engineer
- Lubricants and Specialties
- Manufacturing Engineer
- Operations Engineer
- Pricing Analyst
- Process Engineer
- Procurement Analyst
- Project Cost Engineer



WHO HIRES INDUSTRIAL ENGINEERING MAJORS

- ABF Freight
- Arkansas Best Corp
- Bell Helicopter
- Credera
- ExxonMobil
- First American Bank
- Frito-Lay
- GE Oil & Gas
- Georgia-Pacific
- Halliburton
- J.B. Hunt
- Love's Travel Stops
- Michelin
- PepsiCo
- Quorum Business Solutions

HIREOSUGRADS.com

INDUSTRIAL ENGINEERING AND MANAGEMENT

Focuses on production systems that provide products for customers throughout the world. IE's define, design, build, operate, and improve production processes that convert resources to products effectively, efficiently, and safely.

TIPS FOR SUCCESS IN INDUSTRIAL ENGINEERING

- If you ever want to do engineering consulting work, you will have to pass the FE test to become a professional engineer
- Join Institute of Industrial Engineers (IIE) to meet other students, faculty, and learn more about the IE profession
- Students who are good at problem solving, mathematics, computer applications, science and systems analysis may want to pursue this career.
- Obtain a co-op or internship experience as an opportunity to discover career interests and to serve as a great resume builder

FOR MORE INFORMATION ABOUT INDUSTRIAL ENGINEERING & MANAGEMENT AT OSU

Prospective Student Services:
(405) 744-5276

Career Services:
(405) 744-3858

ADDITIONAL RESOURCES ABOUT INDUSTRIAL ENGINEERING & MANAGEMENT CAREERS

Industrial Engineering and Management at OSU:
<http://www.iem.okstate.edu>

Institute of Industrial Engineers OSU Chapter:
<http://www.orgs.okstate.edu/iie/index.html>

OSU Industrial Engineering Honor Society Alpha Pi Mu:

<http://www.orgs.okstate.edu/apm/>

STARTING AVERAGE SALARIES

(Data gathered from OSU CEAT graduates)

2010 – \$56,053

2011 – \$54,142

2013 – \$65,200

MARKETABLE SKILLS OF INDUSTRIAL ENGINEERING GRADUATES

- Define, analyze and solve complex problems within and between enterprises.
- Discover, understand and incorporate appropriate new technologies in the design and operation of enterprises.
- Lead and manage design, development and improvement efforts that benefit customers, employees and stakeholders.
- Function in culturally diverse teams, communicate in a professional manner, and uphold the ethical standards of the engineering profession.