

Industrial Engineering Frequently Asked Questions

WHAT'S SPECIAL ABOUT INDUSTRIAL ENGINEERING?

Industrial engineering (IE) is about choices. Other engineering disciplines apply skills to very specific areas. IE gives practitioners the opportunity to work in a variety of businesses. Many practitioners say that an industrial engineering education offers the best of both worlds: an education in both engineering and business. The most distinctive aspect of industrial engineering is the flexibility it offers. Whether it's shortening a rollercoaster line, streamlining an operating room, distributing products worldwide, or manufacturing superior automobiles, all these challenges share the common goal of saving companies' money and increasing efficiencies. (www.iienet.org)

WHAT SHOULD I BE DOING NOW IF I AM THINKING ABOUT MAJORING IN IE?

(1) Study hard this year. (2) Come to the INEG Fall Picnic (details on back). (3) Go to www.ineg.uark.edu and view our website for information about the Department of Industrial Engineering and our undergraduate program. (3) Visit the INEG Spring Recruiting Open House which provides a hand-on look into industrial engineering and what it is like to be an industrial engineering student.

WILL I GET A JOB WITH A BSIE?

Students with work experience and >3.0 GPA typically receive at least one job offer from a company they want to work for. It is not uncommon for top students to receive 3+ job offers from companies across the U.S. The average undergraduate salary for our spring 2008 B.S.I.E. class was \$52,500 (highest salary was \$65,000).

WHAT TYPE OF A JOB WILL I GET?

Almost every industry hires industrial engineers...

- Aerospace & Airplanes
- Banking
- Construction
- Consulting
- Electronics Assembly
- Energy
- Entertainment
- Forestry & Logging
- Insurance
- Materials Manufacturing
- Materials Testing
- Medical Services
- Military
- Mining
- Oil & Gas
- Retail
- Shipbuilding
- State & Federal Government
- Transportation

... and they work in many different kinds of jobs (www.iienet.org).

- Anheuser-Busch Inc., Manager of Distribution and Logistics
- Bose Corp., Industrial Engineer
- Coca-Cola Inc., Business Process Design Manager
- City of Fort Worth, Management Analyst
- Deere & Co., Quality Manager
- Dell, Inc., Project Senior Consultant
- Estee Lauder Inc., Director of Industrial Engineering
- Federal Aviation Administration, Industrial Engineer
- Hasbro, Business Improvement Manager
- Hershey Foods Corp., Director of Manufacturing
- Honda of America Manufacturing, Process Engineer
- Johnson & Johnson, Worldwide Manager of Ergonomics
- Kraft Food, Distribution Design Project Engineer
- Lockheed Martin, Cost Estimator
- Mayo Clinic, Director of Patient Financial Services
- Microsoft, User Experience Manager
- Motorola, Vice President of Supply Chain
- NASA, Spaceport Tech. Development Manager
- Nike Inc., Senior Engineer
- Target Corp., Senior Recruiter
- Toys R Us, Industrial Engineer
- Walt Disney World, Director of Costuming & Cosmetology

WHO ARE SOME FAMOUS IES?

- Rejendra Pachuri - Chair of International Panel on Climate Change, co-recipient of 2007 Nobel Peace Prize
- Henry Ford - Founder of Ford Motor Company, assembly line pioneer
- Joe Girardi - Manager, New York Yankees
- Lee Iacocca - Former CEO of Chrysler
- Tom Landry - Former Dallas Cowboys Head Coach
- CEOs - Mike Duke (Wal-Mart), Michael Eskew (UPS), John Forehand (Accenture), Chad Holliday (DuPont), Dick Kovacevich (Wells Fargo), William Swanson (Raytheon), Edward Whitacre, Jr. (AT&T), Yun Jong Yong (Samsung)

WHO ARE SOME OF THE DISTINGUISHED ALUMNI OF THIS DEPARTMENT?

- Bill Bradley, President & CEO, Washington Regional
- Bill Cravens, CEO, Worthen Bank
- Bob Davidson, CEO, ABF Freight System
- Grant DuCote, Replenishment Manager, Wal-Mart
- Jimmy Dunlap, CEO, Halliburton
- Jimmy Hubbard, President, TI Europe, TI Asia
- Bill Keltner, VP, Southwestern Bell
- Ron Morris, Sr., CEO, Lyons Manufacturing
- Andrea Sandage, Supply Chain Specialist, Hawker-Beechcraft
- Dana Sedgass, Partner, Accenture
- Bernie Skoch, General, U.S. Air Force
- John White, Chancellor Emeritus, University of Arkansas