



BENEFITS OF BECOMING AN INDUSTRIAL ENGINEER

- According to CNNMoney.com (2008), the median expected salary for a typical entry-level industrial engineer in the United States is \$52,834. Higher level industrial engineers with experience have the expected salary between \$79,526 and \$111,239 according to the report.

WHAT DO YOU LEARN IN THE TEXAS STATE INDUSTRIAL ENGINEERING PROGRAM?

- The IE program at Texas State prepares you in areas such as Operations Research, Quality Control, and Human Factors. We offer state-of-the-art techniques in Optimization, Simulation, Supply Chain, Statistical Quality Control, Design of Experiments, Project Management and Human Factors Design.

JOB SURPLUS

- Industrial engineers are among the top 5 engineering specialties more recruited by industries and organizations including federal, state, and local governments. Industrial engineers are expected to have employment growth faster than average over the projections of next decades. Because of some similarities with the job done by management graduates, Industrial Engineers have also the opportunity to move into management positions or become entrepreneurs.

▶ Industrial Engineering

▶ WHAT IS IT?

Industrial Engineering is the application of the scientific method to analyze or design manufacturing/business/service operations. Industrial Engineers develop solutions to reduce costs, increase productivity, and improve quality within their organizations. To accomplish these challenging tasks, Industrial Engineers develop models of processes and systems by using mathematical programs and computer simulations.

▶ WHY IS IT IMPORTANT?

Industrial Engineering is important because every industry and organization requires competing efficiently to survive. Industrial engineers determine the most effective ways to use the basic factors of production, people, machines, materials, information, and energy to make a product or provide a service. Industrial engineers are the only engineering professionals trained specifically to be productivity and quality improvement specialists.

▶ IS ENGINEERING THE RIGHT FIELD FOR ME?

- Investigate the scope of your engineering interests – industrial engineering is just one facet in the engineering field
- Earning an industrial engineering degree relies on mathematical and scientific knowledge and practice.
- Talk to experienced IE professionals.
- Ask questions about their career and education.

Interested or curious? Contact us:
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