ABOUT A DEGREE IN INDUSTRIAL & SYSTEMS ENGINEERING
Industrial and Systems engineers design systems and processes for all industries. Utilizing engineering skills from mathematics and the physical sciences, specialized analysis techniques and an understanding of how people interact with machines and each other they determine the most effective way to integrate a diverse set of activities in an organization involving people, materials, facilities, finances, equipment, energy, and information to produce a product or service. ISE’s are commonly referred to as “the people engineers”.

RELATED SKILLS
- Budget estimating
- Data Analytics
- Problem solving
- Blend of creative spark, marketing savvy, and technical adeptness
- Make sound judgments and decisions to solve quantitative problems
- Active Listening
- Speaking
- Social Perceptiveness

HIRING INSTITUTIONS / INDUSTRIES
- Accounting Firms
- Banks and Financial Organizations
- Chemical Industry
- Consulting
- Education
- Energy
- Engineering Firms
- Government
- Hospitals and Healthcare Organizations
- Manufacturing Companies
- Public Utilities
- Retail Distribution Organizations
- Transportation
- U.S. Postal Service

careerpaths
- Airport Engineer
- Assembly Process Engineer Manager
- Cost Estimator
- Engagement Manager
- Engineering Manager
- Ergonomics Manager
- Factory Layout Manager
- Facilities Maintenance Engineer
- Field Quality Engineer
- Food Manufacturing
- Human Factors Engineer
- Industrial Designer
- Logistics Engineer
- Manufacturing Engineer
- Operations Manager
- Packaging Engineer
- Plant Engineer
- Plant Manager
- Process Validation Manager
- Product Engineer
- Product Safety Engineer
- Project Engineer
- Quality Control Engineer
- Reliability Engineer
- Safety Engineer
- Standards Engineer
- Supply Chain Operations Engineer
- Transportation and Distribution Manager
- Vice President of Operations Engineer