

INDUSTRIAL ENGINEERING



ENGINEERING

Industrial engineers design, develop, evaluate, and test for efficiency and quality industrial processes, products or systems in areas such as:

- **Supply Chain Management**
- **Productivity, Methods and Process Engineering**
- **Quality Measurement and Improvement**
- **Ergonomics/Human Factors**
- **Technology Development and Transfer**
- **Strategic Planning**
- **Manufacturing, Production and Distribution**

Industrial engineering applies science, mathematics, and engineering methods to complex system integration and operations.

Industrial engineers use their knowledge and skills to improve systematic processes using statistical analysis, human-system interactions, ergonomic design, planning, quality control, operations management, computer simulation, and problem solving. The Industrial Engineering program provides knowledge and skills in a wide variety of disciplines, the ability to work well with people, and a broad systems perspective.

Our engineering curriculum offers students options to become “engineers and more” in career development such as:

- A five-year MBA and engineering degree
- An autonomous mobility certificate upon completion of additional coursework

Financial Assistance

Numerous scholarships and financial aid programs are available for eligible students, please visit:

 scholarships.tamucc.edu

 osfa.tamucc.edu



**TEXAS A&M
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