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B.S. in Industrial Management

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Industrial Management

As a new major beginning in fall 2015, the B.S. in Industrial Management program is designed to give students a solid science and engineering base coupled with a business preparation that will enable graduates to fill dynamic managerial roles in today's technical industries.

The ability to design, produce, sell and service quality products in today's complex and competitive marketplace requires managers who understand engineering principles as well as possess the business skills to manage technical projects. Industrial management is a specialized form of management that is really concerned with applying science and engineering principles to business operations.

The practice of industrial management is represented by a set of emerging careers that bring together the technological problem-solving savvy of engineering and the organizational, assessment, and planning abilities of management in order to oversee complex enterprises from conception to completion.

Curriculum Overview

The B.S. in Industrial Management curriculum creates synergies between Engineering Physics courses in the School of Arts & Sciences and the Operations, Strategic Management, Management Science, and Technology specialties in the AACSB-accredited School of Business.

Career Paths

Graduates of the program will be prepared for a wide variety of career paths, including plant supervision, project management, process engineering, quality assurance, econometrics,

production planning and control, business analytics, inventory management, technical sales, research and development management, or even technology entrepreneurship in a start-up company.

Experiential Learning & Internships

Today's manufacturing is about advanced technologies, state of the art facilities, and fast paced work environments. But most of all, manufacturing is about those people who like to see the product of a hard day's work.



We have partnered with organizations like *Dream it Do it!* Of Western New York to offer students world-class experiences in advance manufacturing and logistics. Industries represented regionally include: aerospace, automotive, medical devices and healthcare products, pharmaceuticals, electronics, industrial precision equipment, food and dairy products, computer software, and many others. As part of the program, students will be exposed to regional manufacturers, participate in 'real-life' projects, and complete an internship.

Job Outlook

The U.S. Bureau of Labor Statistics suggests double-digit job growth for individuals with these skills, totaling a job base of more than 1.7 million positions nationally and a growth of 335,000 positions within the next 10 years. Industrial workers earn \$78,000 in average compensation and 82% of manufacturers report that they cannot find the workers they need!