

IT at OU Bulletin

The Industrial Technology program at Ohio University has a rich history of preparing graduates for careers in business and industry. IT grads enjoy a high rate of success in their careers because they have:

- been prepared as an **technical/engineering generalist**. That means they know about a wide variety of technical subjects rather than simply a narrow specialty.
- **hands-on lab experience**. Nearly all IT courses require 50% - 75% of scheduled time to be spent in various lab activities using industrial materials, processes and equipment.
- a **minor in business**. The required core of business/management courses provides the necessary background needed in today's global economy. This also provides our graduates with a real competitive edge when seeking employment as well as advancement within the work environment.

Focus Areas

There is an opportunity to select one of two focus areas, either **Manufacturing Materials & Processes (MMP)** or **Manufacturing Information Technology (MIT)** based on individual interests & career goals.

The **MMP** focus is on the advanced theory and application of industrial processes to produce high quality parts and products at low cost from various industrial materials. Topics such as lean operations, metals machining, forming and casting, plastics processing, tool design and build and ISO documentation are included.

The **MIT** focus is on the theory and application of information technology within the context of manufacturing organizations, including computer hardware, networks and commercial software systems to manage and deliver products, control machines and equipment, and manage the entire supply chain.

Technical Sales Certificate

Industrial Technology has partnered with the Sales Centre in the College of Business to provide an *optional* Technical Sales Certificate. The focus is on the sales and application of products to manufacturing and industrial customers, including professional selling techniques, sales management, and marketing.

Co-op and Work Experience

It's possible to earn university credit and work experience at the same time through the college's co-operative education plan or through the department's industrial work experience course. Either way, Students can gain valuable real world experience to verify your chosen career and to build your resume.

Employment Information

Based on our annual survey, we know that Industrial Technology graduates go to work for large international companies as well as small local companies. Commonly reported job titles include **Manufacturing Engineer, Project Engineer, Quality Engineer, Application/Sales Engineer, and Production Manager**. Average starting salary for graduates over the last three years was **\$43,100** with a range of \$35,000 to \$60,000.

Typical job functions include analyzing and defining work processes, designing fixtures and special machine setups, supervising facilities modifications, assisting industrial customers, managing manufacturing operations, and implementing programs such as lean operations and six-sigma.

Employers like our graduates! The combination of "hands-on" practical courses, a solid technical education as well as the business minor prepare our graduates to quickly "add value" to the organization.

Ohio University
Russ College of Engineering and Technology
Department of Industrial Technology
125 Stocker Center, Athens, Ohio 45701-2979

Dr. Peter Klein, Chairman

Phone: (740) 593-1455

Fax: (740) 593-9382

email: industrial.technology@ohio.edu

website: www.ohio.edu/industrialtech