

SCHOOL OF APPLIED TECHNOLOGY

ILLINOIS INSTITUTE
OF TECHNOLOGY

Be Well Prepared

INDUSTRIAL TECHNOLOGY AND MANAGEMENT AT ILLINOIS TECH

CAREER-FOCUSED SPECIALIZATIONS



INDUSTRIAL OPERATIONS



RESOURCE MANAGEMENT



INDUSTRIAL FACILITIES



SUPPLY CHAIN MANAGEMENT



SUSTAINABILITY



MANUFACTURING TECHNOLOGY

BE A LEADER OF THE NEXT INDUSTRIAL REVOLUTION.

An undergraduate degree in Industrial Technology and Management (INTM) from Illinois Tech's School of Applied Technology (SAT) will give you the competitive edge you need to secure a great job in industry.

The INTM degree is for those who want to build upon their technical skills or training and move into leadership roles. You will be prepared for a career in industry with knowledge of how to utilize a range of technologies and to manage industrial operations.



INTM courses generally meet one night a week in order to suit the schedules of working adults. Classes meet at Illinois Tech's Mies Campus in Chicago, the Rice Campus in Wheaton, and online.

A SAMPLING OF COURSES IN THE INTM PROGRAM INCLUDES:

- Communications for the Workplace
- Maintenance Technology and Management
- Construction Technology
- Inventory Control
- Manufacturing Processes for Metals and Mechanical Systems
- Industrial Risk Management
- Sales and Operations Planning (S&OP)
- E-Commerce
- Warehousing and Distribution
- Supply Chain Management
- Export/Import Management
- Issues in Industrial Sustainability
- Energy Options in Industry
- Telecommunications Over Data Networks
- Industrial and Advanced Project Management
- Transportation
- Human Resource Management
- Entrepreneurship in Industry

Students come from many different industrial sectors. You can specialize in one of five focused areas, or mix and match courses to suit your personal interests:

- **Industrial Facilities**
Construction, project management, and renovation/maintenance of buildings, facilities, and equipment
- **Industrial Sustainability**
Industrial ecology, resource utilization, and energy options
- **Manufacturing Technology**
Mechanical, chemical, and electronics manufacturing processes, and quality control
- **Supply Chain Management**
Transportation, inventory control, warehousing and distribution, purchasing, and export/import activities
- **Telecommunication Technology**
Management and maintenance of data networks, network configurations, network security, and new technologies

THERE'S MORE.

This degree combines coverage of state-of-the-art technologies with world-class management approaches.

It's a transfer program for students who have acquired practical occupational skills through an applied science or associate's degree program (and/or those with two years of equivalent coursework).

You'll learn how to provide viable solutions to complex situations.

Our faculty members have extensive academic and professional experience.

Students are encouraged to pursue courses that best satisfy their career interests and objectives.



The School of Applied Technology offers a hands-on, reality-based approach to education that allows you to apply what you learn in class to solve real-life problems. We provide a distinctive academic experience where you work on cutting-edge, industry-sponsored projects and research. This teaching philosophy and project-based learning will prepare you to become an innovator, entrepreneur, and tech leader of the future.

You will learn about new and emerging technologies and the application, integration, and administrative practices used in the effective management of these technologies. You will also gain practical teamwork, analytical, and communication skills necessary to be a strong collaborator and manager.

Our faculty have years of firsthand experience in the field and strong connections to industry leaders. And online courses give you the flexibility to tailor your education to fit your schedule.

Our location in the dynamic, world-class city of Chicago offers you access to endless entertainment and cultural opportunities—from music and nightlife to sports and the arts. It is also a growing technology sector. You will find outstanding job opportunities in industry, technology, business, and other areas.

I encourage you to visit our website to learn more about how applied technology at Illinois Tech will prepare you to shape the future of business and industry. Join us.

C. Robert Carlson
Dean, School of Applied Technology

Some projects are conducted on behalf of sponsoring companies. Below, an INTM student reviews project specifications with a metalworking technician.



SOUND INTERESTING?

THAT'S WHY IT'S CALLED **APPLIED** TECHNOLOGY.



INTM students learn to develop innovative solutions to actual business problems within an interactive environment that focuses on practical application of classroom concepts. Industry-sponsored projects provide you with opportunities to work in group situations, guided by faculty with considerable industrial experience. You'll obtain a big-picture view of how industrial organizations function, learn how internal systems and practices can "make or break" a company, and see how you can effect positive improvements using proven management approaches.

INTM graduates are making contributions in many fields, including industrial operations, high-tech manufacturing, supply chain and logistics management, facilities and construction management, and sustainable industrial processes. They are given the responsibility to work on challenging, high-profile projects that are making a real and significant difference in our world.

The undergraduate INTM transfer program will take you to the next level in your ability to examine and solve actual challenges encountered in the workplace. It's the program for men and women who want to build upon their existing skills, improve their understanding of new technologies and how they are applied, and expand their career opportunities to include managerial positions.



appliedtech.iit.edu/intm

Office of Undergraduate Admission

Perlstein Hall, Room 101
10 West 33rd Street
Chicago, IL 60616-3793

312.567.3025
800.448.2329 (outside Chicago)
312.567.6939 (fax)

Consider a 2'fer

SAT also offers special degree programs that allow undergraduate students to earn both their bachelor's and master's degrees in as few as five years.