DEGREE PROGRAMS

Illinois Tech’s School of Applied Technology offers seven master’s degree programs and graduate certificates designed to advance your career.

Master’s Degrees
- Cyber Forensics and Security
- Food Safety and Technology (Master of Science and Professional Master’s)
- Food Safety and Technology with Specialization in Business (Professional Master’s)
- Food Safety and Technology with Specialization in Industrial Management (Professional Master’s)
- Food Process Engineering (Master of Science and Professional Master’s)
- Industrial Technology and Operations
- Information Technology and Management

Doctoral Degrees
- Food Science and Nutrition
- Philosophy of Food Science and Nutrition

Certificates
- Food Science and Nutrition:
  - Food Safety and Technology
  - Food Process Engineering
  - Food Processing Specialist
  - Food Safety and Industrial Management
- Information Technology and Management:
  - Advanced Software Development
  - Cyber Security Management
  - Cyber Security Technologies
  - Data Center Operations and Management
  - Data Management and Analytics
  - Digital Voice and Data Communication Technologies
  - Information Technology Innovation, Leadership, and Entrepreneurship
  - Systems Analysis
  - System Administration
  - Web Design and Application Development

Using technology to shape the future of business and industry
At Illinois Tech's School of Applied Technology (SAT) our focus is on the future. Our distinctive programs are designed to broaden and deepen your knowledge of existing, new, and emerging technologies— as well as the managerial practices to utilize them effectively.

SAT offers programs in:

- **Food Science and Nutrition**—Learn about food safety, food technology, food process engineering, and nutrition.
- **Industrial Technology and Management**—Learn about operations management, process analysis, quality control, project management, risk assessment, management information systems, technology implementation, strategy, entrepreneurship, and leadership.
- **Information Technology and Management**—Learn about cyber security, database applications, data analytics, digital networks, wireless communications, mobile-device applications, cloud computing, forensics, and embedded systems.

All programs are hands-on, project- and/or laboratory-based graduate programs that teach applied practices balanced with theoretical underpinnings. You will graduate prepared to innovate and lead.

**INTEGRATION OF TECHNOLOGY AND MANAGEMENT**

Knowing how to use technology is one thing. When you know how to apply it to real-world situations and within other disciplines you get a competitive edge. At Illinois Tech’s School of Applied Technology, you will learn to merge technology and management to gain a significant and distinctive advantage in your field.

Explore how technology can be used to develop powerful solutions to thorny challenges. Illinois Tech faculty—experts with theoretical underpinnings. You will graduate prepared to innovate and lead.

**AREAS OF STUDY**

**Industrial Technology and Management**

The Master of Industrial Technology and Operations degree is designed for individuals whose technical education and/or work experience requires a broader understanding of management topics specific to manufacturing, supply chain and logistics, sustainability, and industrial facilities. You’ll be prepared for leadership and entrepreneurial roles in world-class companies in a variety of industries with responsibility for local, regional, national, and international operations.

**Information Technology and Management and Cyber Forensics**

The Master of Information Technology and Management and Master of Cyber Forensics degrees and certificates are designed for prospective and current IT professionals. Our hands-on, laboratory-based programs teach theoretical understandings to broaden and deepen your knowledge of new and emerging information technologies, in addition to the application and integration of these technologies, and the administrative practices used to effectively manage these technologies.

**Food Science and Nutrition**

The Department of Food Science and Nutrition, supported by Illinois Tech's internationally renowned Institute for Food Safety and Health, offers master's degree (thesis and professional) and certificate programs that prepare you to drive technology in the rapidly growing—and increasingly critical—fields of food safety, nutrition, compliance and regulatory affairs, quality assurance and control, and research and development in both private and public sectors.

Through our one-of-a-kind collaborative research consortium, students have the opportunity to work with Illinois Tech, FDA, and industry scientists and professionals.