ILLINOIS TECH
Graduate Programs

School of
Applied Technology

Hands On. High Value. Live and Online Courses

DEGREE PROGRAMS

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

Master's Degrees

- Applied Cybersecurity and Digital Forensics
- 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

- Doctor of Philosophy in Food Science and Nutrition

Certificates

Food Science and Nutrition

- Food Process Engineering
- Food Processing Specialist
- Food Safety and Industrial Management
- Food Safety and Technology

Information Technology and Management

- Advanced Software Development
- Cybersecurity Management
- Cybersecurity 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

ILLINOIS INSTITUTE
OF TECHNOLOGY

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School of Applied Technology

appliedtech.iit.edu

GRADUATE ADMISSION AT **ILLINOIS TECH**

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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:

- **Cybersecurity and Forensics**—Learn about cybersecurity; digital forensics; security policy and procedures; securing enterprise information assets and resources to deter, detect, and prevent cyber attacks and intrusions; and how to investigate security incidents and violation of law in a manner that all evidence is admissible in a court of law.

- **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 cybersecurity, database applications, data analytics, digital networks, wireless communications, mobile-device applications, cloud computing, forensics, embedded systems, big data and Internet of Things.

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 SAT, 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 years of hands-on, practical experience—will be your guide.

You'll learn to think about issues from multiple perspectives and to form creative, effective problem-solving strategies. You'll gain sound analytical and communications skills that are highly coveted in the workplace, and in some cases develop a portfolio of work to showcase during job interviews.

INNOVATIVE CURRICULUM

SAT's curriculum is at the cutting edge of technology, updated frequently to ensure its relevance and ability to prepare graduates for jobs in a global marketplace. Our curriculum:

- **Blends theoretical and applied education**
- **Emphasizes innovation and technology management**
- **Uses a hands-on, reality-based approach to education**
- **Allows for individual preferences and interests in course selection**
- **Is designed and taught by faculty who are experts in their fields**

TECHNOLOGY **DRIVEN**

Programs for Working Professionals

Some of our students are exploring new careers or looking to enhance their current skills. Many are balancing work and family commitments while earning their graduate degrees.

Courses are offered at times that suit a working professional's schedule—and can be completed in person and/or online. Illinois Tech has campuses in Chicago and Wheaton, and operates a food safety and technology laboratory in Bedford Park.

Career-Targeted Specializations

SAT program specializations are market focused and targeted toward specific careers. SAT also offers certificate programs consisting of two or more graduate courses. All courses can be applied toward master's degrees (if you are accepted into a degree program).

AREAS OF STUDY

Cyberforensics and Security

The Master of Cyber Forensics and Security degree is designed for prospective and current cybersecurity and forensics professionals. Students will learn with a balance of classroom theory and apply these concepts with projects in the cyber and forensics laboratory. Illinois Institute of Technology has been designated as a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency and the U.S. Department of Homeland Security.

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

The Master of Information Technology and Management and certificates are designed for prospective and current IT professionals. Our hands-on, laboratory-based programs teach theoretical underpinnings 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 will 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.

ILLINOIS TECH
Discover. Create. Solve.