

ILLINOIS TECH

BE **IT** ALL
**INFORMATION
TECHNOLOGY AND
MANAGEMENT.**

Illinois Tech's **School of Applied Technology** educates future innovators, entrepreneurs, and tech leaders. Our hands-on, reality-based education will prepare you to solve real-life problems that require expertise in new and emerging technologies.

Distinctive. Relevant. Rigorous.

ILLINOIS INSTITUTE
OF TECHNOLOGY

CAREER-FOCUSED SPECIALIZATIONS



STUDY INFORMATION TECHNOLOGY AND MANAGEMENT (ITM) AT ILLINOIS TECH'S SCHOOL OF APPLIED TECHNOLOGY (SAT)—AND PREPARE TO STAND OUT.

- We integrate theoretical principles learned in the classroom with applied hands-on laboratory and project collaboration.
- Project-based learning, mentored by Illinois Tech faculty, will give you the chance to apply what you learn to relevant real-world situations.
- You have the flexibility to pursue a general course of study or to specialize in one of seven options.
- Specializations are career-focused and will make you more qualified for future employment.
- You'll learn about a variety of IT fields, including web and application development, system architecture, networking, database systems, systems security, contemporary programming languages, and more.
- You'll learn relevant skills so you can integrate information technology and management into your daily work.
- The program will prepare you to move into complex, professional roles in a variety of organizations and industries.
- The curriculum integrates IT disciplines of management, development, technology and theory, operations, and security.

The program is for undergraduate students entering as first-year freshmen or transferring from another college. Courses are available during the day or evening in Chicago and online. Undergraduates also have the option to complete a graduate degree simultaneously with their undergraduate degree through our special degree program.

In addition to providing a solid academic background, your coursework can prepare you for vendor-neutral certification from CompTIA, Microsoft, Linux Professional Institute, SANS Institute, and others.

WE CALL IT APPLIED TECHNOLOGY FOR A REASON.

This is a **hands-on, reality-based program** in which you are challenged to solve real-life problems using the knowledge you learn in class.



Industry-sponsored projects provide you with opportunities to work in group situations and to produce portfolios of your work. Faculty with significant industry experience will teach your classes and help guide your professional development. You will make presentations both in class and at professional events, and document your projects in academic publications. Like other SAT graduates, you'll be able to demonstrate what you have accomplished—and not just what you have learned.



SAMPLE COURSES IN THE ITM PROGRAM INCLUDE:

- Introduction to Systems Software Programming
- Open-Source Programming
- Cyber Security Technologies
- Cyber Security Management
- Data Modeling and Applications
- Database Management
- Database Security
- Human/Computer Interaction
- Internet Technologies and Web Design
- Website Application Development
- Data Networking and the Internet
- Network Administration and Operations
- Cloud Computing Technologies
- Operating System Virtualization
- Intelligent Device Technologies
- Fundamentals of Multimedia
- Rich Internet Applications
- Service-Oriented Architectures
- Embedded Systems
- Operating System Security
- Open-source Operating Systems
- **And many more**



Industry Professor **Bill Lidinsky** has developed and honed much of his cyber security and cyber forensics expertise at Illinois Tech. Over the past four decades, he has become a leader in several areas of computer networking and security, and is regularly called upon to testify as an expert witness for government agencies on such matters.



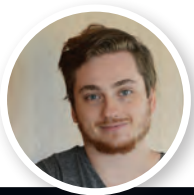
“The amount of hands-on and real-world application of the subject matter distinguishes the ITM program at Illinois Tech more than any other program I have seen. The ITM program teaches us not only technical skills such as development and hardware repair, but also interpersonal communication and management practices. This gives students of this program a competitive edge over other programs, many of which teach the technical details but not so much the practical ones. ITM at Illinois Tech offers a good balance of both.”

—James Jerger (Information Technology and Management '16), Chicago, Illinois

PROJECT-BASED LEARNING AND EXPERIENCE



CAREER OPTIONS



"I really like the campus and the size of the school. Illinois Tech is small and this grants the opportunity to get close with the other students and professors. The ITM program is what sold me to go here. It had so many interesting classes and I was eager to take them all."

—Jeff Ruvinsky (Information Technology and Management '17), Skokie, Illinois



What can I do with my degree? IT continues to be one of the fastest-growing career sectors in the global economy. When you graduate, you will definitely have options in a variety of professional areas, including:

- Application development
- Data/database administration
- IT management
- Intelligent device development
- Networking and telecommunications
- Quality assurance and testing
- Systems security
- System and network administration
- Web development
- **And many more**

appliedtech.iit.edu

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.