COMPUTER-RELATED DEGREE PROGRAMS

COMPUTER ENGINEERING
Bachelor of Science in Computer Engineering

COMPUTER SCIENCE
Bachelor of Science in Computer Science • Master of Science in Computer Science

INFORMATION
Bachelor of Science in Information Technology • Master of Science in Information Systems
Lawrence Tech’s computer-related degree programs offer outstanding opportunities for you to be rewarded in your career of choice. Most important, faculty speak your language and understand what works in practice as well as in theory. Small classes assure you’ll interact with them and with other students.

Our faculty is dedicated to providing you with a quality education and practical career preparation. In addition to their academic preparation, most faculty members have managerial or technical experience. Many have received recognition for their work in research, writing, publishing, and consulting. Their emphasis, however, is on what works right now – and what’s around the corner.

Learning from fellow students is important to your studies. You will participate with, learn from, and get to know other top students representing a variety of industries, companies, and disciplines. You’ll also discover that Lawrence Tech is a university with an extraordinary commitment to computer-enhanced learning. It is among the first universities in the nation to provide high-powered laptop computers for student instruction, research, and campus communication.

Programs To Grow With

Lawrence Tech offers evening graduate programs in Information Systems and Computer Science. Day and evening undergraduate programs are offered in Computer Engineering, Computer Science, and Information Technology.
Your interest in a computer-related career could not come at a time with greater potential rewards! Whether you’re interested in healthcare, technology, business, or manufacturing, whether you are changing careers, beginning a career, or are a mid-level manager upgrading your job skills, Lawrence Tech’s computer-related degree programs can help you meet your educational goals. Programs cover the spectrum from computer engineering to computer science to information technology, e-business and more.

Lawrence Tech’s emphasis on practicing what you learn gives you a special advantage over your competition. Since its founding in 1932, Lawrence Tech has been steeped in academic programs geared toward real world experience. The University philosophy can be summed up in its motto: Theory and Practice.

“Much of today’s exceptionally high productivity has to do with technological advances in computer systems made by engineers, computer scientists, and information technology professionals,” says Dr. Laird E. Johnston, chief technology officer and dean of the College of Engineering. Lawrence Tech has programs to keep you at the forefront of your career.

Prepare to Compete Throughout Your Career

Computer Engineering

**BSCE**

*Bachelor of Science in Computer Engineering*

Offering a comprehensive background in traditional electrical engineering and computer science, this program, offered days or evenings, weaves together all aspects of the computer design process from systems to hardware and software. Classroom theory is combined with hands-on lab experiences, providing a working knowledge of computer principles. As a final senior design experience, every student designs and builds a complete computer-based system or product.

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Computer Science

**BSCS**

*Bachelor of Science in Computer Science*

Seeking either a first or a second bachelor’s degree? The computer science program prepares graduates for exciting careers in application programming, distributed computing, data mining, virtual environments, computer graphics, networking, Web applications, robotics, and intelligent systems, among others.

With a degree in another discipline, a second bachelor’s degree can be earned in a significantly shortened time period of evening coursework. Students can also combine majors in computer science with physics or mathematics.

“I learned a lot about the fundamental elements of computer programming at Lawrence Tech. Other classes gave me the opportunity to try out these principles in larger, more specialized projects. In my current job, I use the skills I acquired at LTU on a daily basis as I write Web server software.”

Nathan Kopp, BSCS’00
Programmer/Analyst
Campus Crusade for Christ
“Lawrence Tech’s MSIS program had a perfect combination of management and technical courses. My undergraduate degree was in computer science. This program seemed to be a natural transition from a purely technical side to the management side of IT. After a few courses, I realized my decision was right. I not only learned a great deal about the fundamentals of management but also enhanced my technical knowledge with a view from the management perspective. The faculty has a wealth of real-world experience. This program is perfect for anyone who is, or plans to be, a manager in the IT area.”

Toshiko O. Putz, MSIS’00, Systems Analyst, DaimlerChrysler

“Highlights of my learning experience in Lawrence Tech’s BSIT program include small classes and industry and computer savvy instructors who welcome new ideas, thoughts, and ways of doing things from students. I know I will be able to hit the ground running when I graduate. At work, I’ve become more creative and less stressed. I have gained discipline, creativity, and real-world skills that I can apply to my job, which give me the confidence to know that I will make it in corporate America.”

Sam Hashem, BSIT student, Assistant Engineer, Yazaki North America
MSIS
Master of Science in Information Systems
Lawrence Tech’s MSIS program prepares graduates to participate as highly skilled members of professional teams in information systems environments. The program presents in-depth knowledge in core areas and concentrations in either IT management, database technology or technical tracks, and is the first in the metro Detroit area to offer Web and e-commerce curricula. Each of these tracks has a capstone course in which students integrate their learning from prior coursework.

The 30-credit-hour MSIS program (with a maximum of nine additional pre-core hours for people changing fields) is an evening program, and can be completed in two years.

“The people I interviewed with were impressed that I attended Lawrence Tech. I was able to converse fluently in intranets, extranets, and the Internet (the network of networks). It went over well with the management team.”

Frank Patrick
BSIT student
LAWRENCE TECH IN BRIEF

Lawrence Technological University, enrolling nearly 5,000 students, is among Michigan’s largest independent universities. Nearly 50 degree programs are offered at the associate, baccalaureate, and graduate level through Colleges of Architecture and Design, Arts and Sciences, Engineering, and Management. The University’s full-service 115-acre campus in Southfield offers a complete range of modern academic, residential, and recreational facilities along with plenty of free parking in paved, lighted, and patrolled campus lots. Easily accessible from major freeways, the University is situated at the intersection of West Ten Mile Road and the Lodge Freeway/Northwestern Highway (M-10), less than a half mile south of Interstate 696. Extension and corporate on-site programs are also offered. Lawrence Tech was founded in 1932.

NOTICE OF NON-DISCRIMINATORY POLICY

Lawrence Technological University adheres and conforms to all federal, state, and local civil rights regulations, statutes and ordinances. No person, student, faculty, or staff member will knowingly be discriminated against relative to the above statutes.

LAWRENCE TECHNOLOGICAL UNIVERSITY IS AN EQUAL OPPORTUNITY EMPLOYER.

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□ Master of Science in Computer Science
□ Master of Science in Computer Science

**Information** □ Bachelor of Science in Information Technology
□ Master of Science in Information Systems

□ Financial Aid □ Application for admission

□ Please contact me: □ Home________________________ □ Work________________________
□ e-mail______________________________________

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Date(s) of Graduation________________________ Degree________________________

Major___________________________________________________________________________

Employer and job title if now employed_________________________________________

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