OVERVIEW
In an effort to provide easier access to high-quality, technology-based education, Kent State University’s School of Technology provides academic programs in a variety of technology fields. Through Kent State’s Regional Campus system, the school offers degrees at all levels — certificate, associate’s, bachelor’s and master’s — at its eight campuses located throughout Northeast Ohio. With a talented faculty, many with on-the-job experience in their chosen fields, and a flexible class schedule that includes evenings, weekends, distance/learning and Web-based classes, the School of Technology has a program to match students' needs and interests.

ACADEMIC PROGRAMS
At the Kent Campus, the School of Technology offers degree programs in the following areas:

BACHELOR OF SCIENCE
• AERONAUTICS
Aeronautical Studies
Aeronautical Systems Engineering Technology
Aviation Management
Flight Technology

• INDUSTRIAL TECHNOLOGY
Electronics Technology
Manufacturing Engineering Technology
“2+2” (for graduates with an associate’s degree)

• TECHNOLOGY
Technology
Technology Education Licensure
“2+2” (for graduates with an associate’s degree)

MASTER OF TECHNOLOGY
• TECHNOLOGY
The school also offers minors in flight technology, electronics technology and technology.

In addition, coursework for four of the school’s associate’s degrees — computer, computer design and animation engineering, manufacturing engineering and business management technology — are now available at the Kent Campus.

AERONAUTICS
With its combination of flight training, technology courses and use of the university’s airport, Kent State’s program is recognized as one of the top flight schools in the country. Aeronautics students have access to several educational opportunities, including flight instructor internships, flight operations employment and commercial airline internships. The aeronautics degree has four different programs:

AERONAUTICAL STUDIES
Is designed for students with a strong aviation interest who want to pursue other areas of study. The flexible curriculum includes aeronautics and technology courses, to focus on a fundamental foundation in aviation.

AERONAUTICAL SYSTEMS ENGINEERING TECHNOLOGY
Is a mathematics- and science-based program that prepares students to enter the field of aeronautical engineering and technology. Emphasis is placed on the practical application of scientific and engineering knowledge combined with technical skills and practical experience.

AVIATION MANAGEMENT
Prepares graduates for business and administrative careers throughout the aeronautics industry. The program integrates technical aeronautics courses with business management courses. Completion of this program includes a minor in computer information systems from the College of Business Administration.

FLIGHT TECHNOLOGY
Is designed to produce professional pilots and enable students to qualify for Federal Aviation Administration certificates and ratings required for giving professional flight and ground instruction, commercial and instrument operations in business aviation and commuter airline operations. A partnership with Continental Express gives Kent State flight students the opportunity to get a head start toward careers as commercial pilots.
INDUSTRIAL TECHNOLOGY

Industrial Technology programs are closely related to the electronics, industrial and manufacturing fields. The unique blend of theory and hands-on experience gives students the skills for a variety of positions including manufacturing or electronics technologist, technical sales representative, engineering assistant, technical supervisor/manager, computer-aided design (CAD) specialist and entry-level engineer. The Industrial Technology major has three concentrations:

ELECTRONICS TECHNOLOGY

Prepares students to work in the design, implementation, testing and maintenance of electrical and electronic systems, including liquid crystal displays, industrial controls for manufacturing processes, laboratory automation systems, measurement and diagnostic instruments, microprocessor-based systems and personal computers (PCs). Coursework provides a thorough coverage of analog and digital electronic circuits and systems, engineering graphics, electronic devices, microprocessors, PC hardware and computer programming.

MANUFACTURING ENGINEERING TECHNOLOGY

Incorporates the study of materials, processes and concepts used in the manufacturing of industrial and consumer products and services. Emphasis is placed on computer application in specific manufacturing operations and with integrated systems. Students gain an understanding of human relations and management practices that prepare them to work in a wide variety of business and industrial settings.

"2+2" OPTIONS

Provides a course of study for the associate's degree graduate who wants to complete a bachelor's degree in industrial technology. It often allows graduates to apply many, if not all of their credits from an associate's degree toward the Bachelor of Science degree, and it provides them with additional technical and managerial skills.

"2+2" OPTIONS

Provides a course of study for the associate's degree graduate who wants to complete a bachelor's degree in industrial technology. It often allows graduates to apply many, if not all of their credits from an associate's degree toward the Bachelor of Science degree, and it provides them with additional technical and managerial skills.

TECHNOLOGY

This program emphasizes liberal education with a focus on technology. Coursework includes technology and general electives, making it possible for students to design a significant portion of their curriculum. This degree is a good choice for transfer students since previous courses often satisfy program electives.

TECHNOLOGY EDUCATION LICENSURE

A new concentration for the Bachelor of Science in technology is technology education licensure: designed for students interested in teaching technology. Students learn about technology concepts and the latest high-tech skills and are required to take several courses in the College of Education. Students completing this major will be prepared to take the state licensing exam for teachers. The technology education curriculum is accredited by the National Council for Accreditation of Teacher Education.

"2+2" OPTION

Provides a broad-based education in technology. The program often allows graduates to apply many of their credits from an associate's degree toward the Bachelor of Science in technology degree. There are five options available: general, computer design and animation technology, electrical/electronics engineering technology, mechanical/manufacturing systems engineering technology, plastics and manufacturing engineering technology.

MASTER OF TECHNOLOGY

The Master of Technology degree, which provides advanced technical and management skills, meets the needs of the technical workforce in industry and business. It also offers students flexibility in course selection to meet the diverse demands of careers in rapidly changing fields in a technology-based economy.

THE REGIONAL CAMPUS SYSTEM

Because the School of Technology is an independent academic unit encompassing Kent State's eight campuses, technology students have access to a variety of academic programs. At the Regional Campuses, certificate programs are offered, as well as Associate of Applied Science and Applied Business degrees. Students completing a two-year technical program at a Regional Campus (or from another institution) can enroll in the "2+2" programs in the technology and industrial technology areas.

ADDITIONAL OPPORTUNITIES

School of Technology students have access to various academic opportunities. The cooperative education course gives students the opportunity to work in a business or industry related to their major. This gives students real-world experience, making them more attractive to prospective employers. The school also has active student chapters of various professional organizations, which provide the opportunities to network with professionals in industry and interact with other students.

FACILITIES

The School of Technology is located in Van Deusen Hall, which is centrally located on the Kent Campus. The School maintains student laboratories, two distance learning classrooms, a computer lab consisting of 100 networked personal computers, an auditorium-style lecture hall and a student services office. Key facilities include three flight simulators, laboratories for computer-aided manufacturing, automation, analog and digital electronics, microprocessor systems development and foundry and the university-owned airport, located four miles west of campus.

FOR FURTHER INFORMATION

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