Michigan Technological University

Houghton 49931

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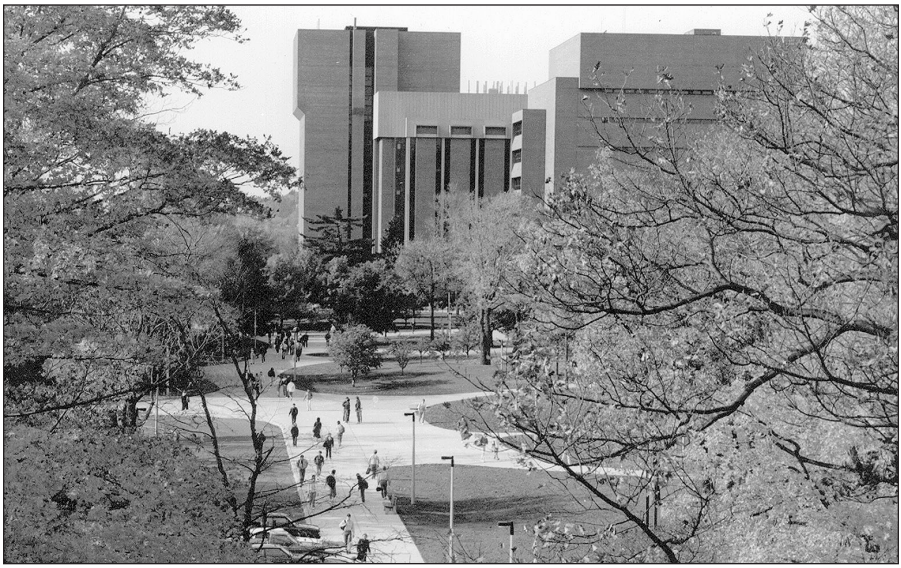

BOARD OF CONTROL

	Term expires
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Michigan Technological University

Established by Act 70 of 1885, the Michigan Mining School first offered instruction to students on September 15, 1886. The name was changed to Michigan College of Mines in 1897 and to Michigan College of Mining and Technology in 1927. The most recent name change to Michigan Technological University in 1964 was made to reflect the broad spectrum of programs offered in the physical and social sciences, engineering, forestry, business, the liberal arts, and technology.

Undergraduate Programs

The Bachelor of Science degree is conferred in accounting, anthropology, applied ecology and environmental sciences, applied geophysics, applied physics, audio production and technology, biochemistry and molecular biology, bioinformatics, biological sciences, biomedical engineering, business administration, chemical engineering, cheminformatics, chemistry, civil engineering, clinical laboratory science, computer engineering, computer network and system administration, computer science, computer systems science, construction management, economics, electrical engineering, electrical engineering technology, engineering, theatre and entertainment technology, environmental engineering, exercise science, finance, forestry, geological engineering, geology, health and physical education, industrial technology, mathematics, mechanical engineering, mechanical engineering technology, materials science and engineering, management, management information systems, marketing, operations and systems management, pharmaceutical chemistry, physics, psychology, scientific and technical communication, social sciences, software engineering, surveying engineering, and wildlife ecology and management.

A Bachelor of Arts degree is conferred in liberal arts with options in English, secondary education English, liberal arts, and history; it is also offered in communication and culture studies, scientific and technical communication, sound design, and theatre and electronic media performance and theatre and entertainment technology.

Graduate Programs

A Master of Science degree is offered in applied cognitive science and human factors, applied ecology, applied natural resources economics, applied science education, biological sciences, chemical engineering, chemistry, civil engineering, computer science, computer engineering, electrical engineering, engineering mechanics, environmental engineering, environmental engineering science, environmental policy, forest ecology and management, forest molecular genetics and biotechnology, forestry, geological engineering, geology, geophysics, industrial archaeology, materials science and engineering, master of business administration, mathematical sciences, mechanical engineering, mining engineering, peace corps master's international programs, physics, and rhetoric and technical communication.

A Master of Engineering degree is offered in civil engineering and environmental engineering. A Master of Forestry and a Professional Master of Science is also offered.

A Doctoral degree is offered in applied cognitive science and human factors, atmospheric science, biological sciences, biomedical engineering, chemical engineering, chemistry, civil engineering, computational science and engineering, computer science, computer engineering, electrical engineering, engineering physics, environmental engineering, forest molecular genetics and biotechnology, forest science, geological engineering, geology, industrial heritage and archaeology, materials science and engineering, mathematical sciences, mechanical engineering-engineering mechanics, mining engineering, physics, and rhetoric and technical communication.

Associate Degrees

An Associate Applied Science degree is granted in engineering technology. An Associate in Humanities is also offered.

The Department of Education, in cooperation with academic departments, offers programs leading to secondary school teacher certification in biological sciences, business administration, chemistry, clinical laboratory science, computer science, earth science, economics, liberal arts/English, mathematics, physics, social sciences, and technology and design.

Research Agencies

Specialized research agencies include the Advanced Power Systems Research Center, Advanced Sustainable Iron and Steel Center, Biotechnology Research Center, Center for Integrated Systems in

Sensing, Imaging, and Communication, Computational Science and Engineering Research Institute, Earth, Planetary and Space Sciences Institute, Ecosystem Science Center-National Institute for Climatic Change Research, Institute for Engineering Materials, Institute for Global Leadership and Entrepreneurship, Institute of Materials Processing, Keweenaw Research Center, Lake Superior Ecosystem Research Center, Michigan Tech Research Institute, University Transportation Center for Materials in Sustainable Transportation Infrastructure, Multi-Scale Technologies Institute, Power and Energy Research Center, and Sustainable Futures Institute-Center for Environmentally Benign Functional Materials, Center for Fundamental and Applied Research in Nanostructured and Lightweight Materials, and Michigan Tech Center for Water and Society.

Accreditations

The university is accredited by the North Central Association of Colleges and Schools, the Higher Learning Commission. Its curricula in the following fields of engineering are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET): biomedical engineering, chemical engineering, civil engineering, electrical engineering, engineering (interdisciplinary or special focus), environmental engineering, geological engineering, materials science and engineering, and mechanical engineering. The following programs in engineering technology are accredited by the Technology Accreditation Commission of ABET (TAC-ABET): electrical engineering technology, and mechanical engineering technology.

The curriculum in chemistry is approved by the American Chemical Society. The forestry program is accredited by the Society of American Foresters. The BSBA degree program of the School of Business and Economics is accredited by The Association to Advance Collegiate Schools of Business — (AACSB) International. Accounting students may qualify to sit for professional certification exams, including the CPA exam, by choosing appropriate coursework.

Fourth-year instruction in the 3+1 clinical laboratory science option is carried out in hospitals accredited by the National Accrediting Agency for the Clinical Laboratory Sciences (NAACLS). The secondary teacher certification programs are approved by the Michigan Board of Education.

Credit Enrollment (fall head count)	***2009***
Undergraduate enrollment	5,943
Graduate enrollment	1,189
TOTAL	7,132