Welcome

Built on existing strengths in electrical, computer, and mechanical engineering, the Master of Science in Engineering program at CMU will better prepare you for a career in industry, advanced research, and for competitive Ph.D. programs.

Master of Science in Engineering

The Master of Science in Engineering (MSE) program at CMU builds upon the existing strengths of the School of Engineering and Technology. With your MSE from CMU you will be better prepared:

• for a higher level job in industry, particularly those in research and development
• to enter engineering graduate programs at any competitive university
• for high level doctoral programs by further developing your engineering skills

Program Requirements

• An overall GPA of 3.0 in your undergraduate studies
• A GRE score of 720/156+ (quantitative)
• Letters of recommendation from at least three professional references
• For international students: a competitive TOEFL of 563 (paper-based), 223 (computer-based), or 84 (internet-based)

Career Outlook

Job placement for graduates of CMU’s Engineering programs is very successful. Today you’ll find CMU grads working in:

Large corporations:
• Boeing
• Caterpillar
• Chrysler
• Dow Chemical
• Ford
• Honda
• Gentex
• LG
• Nexteer

Local companies:
• Mears Corp.
• Delfield
• Morbark
• Wolverine Power Systems

Local companies:
• U.S. Patent Office
• Navy’s Bettis-Bechtal
• Army’s TARDEC

As well as pursuing advanced studies highly ranked graduate programs at:
• John Hopkins University
• Purdue University
• University of Illinois
• University Michigan
Core Faculty

Dr. Ahmed Abdelgawad, Ph.D.
Wireless Sensor Network (WSN), Distributed Computing for WSN, Data Fusion for WSN, Video Processing, VLSI, and FPGA Design

Dr. Qin Hu
Bioengineering, Numerical Electromagnetics, Pulsed Power, Nanotechnology

Dr. Tolga Kaya
Electro-mechanical Microfabrication

Dr. Adam Mock
Design/Analysis of Photonic Microcavities

Dr. Frank Cheng
Automatic Controls, Robot Vision

Dr. Joseph Langenderfer
In Vitro Studies of Anatomical Variation, Human In Vivo Biomechanics, Computational Biomechanics

Dr. Mohamad Qatu
Automotive Engineering, Vibrations, Composite Materials & Structures

Dr. Brian DeJong
Auditory Occupancy Grids: Accurate Sound Location on a Mobile Robot, Robotics Arm

Dr. Ishraq Shabib
Deformation of crystalline nanostructures, Radiation induced damage of materials, Crystal defect structure and property relationship, Atomistic and multiscale modeling

Dr. Emad Tanbour
Thermal Fluids, Energy & Sustainability, Virtual Reality & Simulation, Dr. Jinxiang Xi, Bio-fluids, Aerosol Science, Inhalation drug delivery

Dr. Kumar Yelamarthi
Assistive Devices, Embedded Systems

Dr. Terence Lerch
Acoustics, Ultrasonics, Material Characterization

Apply Online

http://apply.cmich.edu
Applications are being accepted for Fall 2016

For More Information
To learn more about the engineering and technology program at CMU, please contact:

School of Engineering and Technology
ET Building 100
Central Michigan University
Mount Pleasant, MI 48859
Telephone: (989) 774-3033

Visit our website at:
et.cmich.edu/mph

Founded in 1892, CMU has since become a multifaceted and highly respected Doctoral Research University with over 28,000 students, including more than 2,000 graduate students on campus in Mount Pleasant, Michigan.

CMU is an AA/EO institution, providing equal opportunity to all persons, including minorities, females, veterans and individuals with disabilities. See www.cmich.edu/aaeo.