

WESTERN MICHIGAN UNIVERSITY



College of Engineering and Applied Sciences

www.wmich.edu/engineer

(269) 276-3253

Leadership

Dean	Anthony Vizzini (tony.vizzini@wmich.edu)
Associate Dean, Research and Graduate Programs	Osama Abudayyeh (osama.abudayyeh@wmich.edu)
Associate Dean, Undergraduate Programs & Assessment	Edmund Tsang (edmund.tsang@wmich.edu)

Departments

Civil and Construction Engineering
 Computer Science
 Electrical and Computer Engineering
 Industrial and Manufacturing Engineering
 Manufacturing Engineering
 Mechanical and Aeronautical Engineering
 Paper Engineering, Chemical Engineering,
 and Imaging

Chairs

Haluk Aktan (haluk.aktan@wmich.edu)
 Don Nelson (don.nelson@wmich.edu)
 John Gesink (john.gesink@wmich.edu)
 Paul Engelmann (paul.engelmann@wmich.edu)
 John Patten (john.patten@wmich.edu)
 Parviz Merati (parviz.merati@wmich.edu)
 Said Abubakr (said.abubakr@wmich.edu)

Enrollment, Fall 2009

Undergraduate	2,159
Graduate	367
Total	2,526

Minority students	262
Minority student %	10%
International students	442

Degrees Awarded, 2007-08

Bachelor's	314
Master's	92
Doctoral	6
Total	412

Total Alumni 16,768

Staff, Fall 2008

Faculty	95
Student to Faculty Ratio	25 to 1
Staff	32
Graduate/Doctoral Assistantships/Fellowships	94

Financial Aid, Fall 2008

Total Financial Aid Awarded	\$6,261,919
Number of Students Receiving Aid	1,306

Grants, 2008-09

Number of grants received	47
Total value of grants received	\$4,186,481



College of Engineering and Applied Sciences
Western Michigan University

www.wmich.edu

College of Engineering and Applied Sciences Fast Facts

A CEAS Vision

A scholarly community dedicated to excellence through student-centered education and research, emphasizing professional practice in engineering and applied science.

- The College of Engineering and Applied Sciences resides in a 343,000 square-foot facility that opened its doors in 2003. The \$72.5 million high-tech academic building (the University's largest) is located in the 265-acre Parkview campus along with a paper and printing facility in the Business Technology and Research (BTR) Park.
- WMU is the only university in the world with paper, paper coating, and printing pilot plants on the same campus, giving students first-hand experience in pulping, papermaking, printing, and recycling.
- The job placement rate for many of the College's programs is 100 percent, with salaries for engineering majors among the highest for all WMU graduates.
- College students enjoy opportunities to gain working experiences in the BTR Park, which hosts 29 companies, as well as in dozens of other local companies
- The College features 109 faculty members with hundreds of combined years in accumulated academic, industry and government experience.
- The Sunseeker solar racecar is one of many student-sponsored projects within the College. Sunseeker has finished among the top six in each of the last two national competitions, and WMU is one of three institutions to have entered and completed all eight collegiate solar races since the first in 1990.
- In all more than 30 student organizations, many affiliated with professional societies, offer students the opportunity to hone their leadership and team-building skills as well as take part in such projects as Sunseeker, mini-Baja vehicles and model aircraft.
- The College features numerous specialized engineering centers and laboratories which include: a Computer-Aided Engineering Center with some of the same engineering design and production software used by the world's leading corporations; an Applied Aerodynamics Laboratory and advanced design wind tunnel, and instructional laboratories in digital logic, microcomputers, circuits, energy conversion, and noise and vibration.
- The College regularly extends learning opportunities to area school children. Recently, students from Gagie School, a private Kalamazoo elementary and middle school, were able to examine the work of engineering and applied sciences. Lessons learned included the demonstration of a "shaker" table in the Noise and Vibration lab, interaction with the College's robot "RoboBronco," and various design challenges including spaghetti towers and marble transport systems.