Dear New Spartan Engineers,

Welcome to Spartan Engineering! We hope you had the chance to read the first newsletter and found some useful and interesting information. This newsletter is intended to help you explore more services provided by the university and the College of Engineering. The introduction of majors in this newsletter includes Electrical Engineering, Computer Engineering, and Computer Science.

Click on the individual links to get more information on our programs, services, and enrollment to prepare for success at MSU.

Go Green!

Services for Spartan Engineers

The Engineering Library
The Engineering Library is located in the Engineering Building, providing abundant resources specifically in the field of engineering.

The Learning Centers
The Mathematics Learning Center and the Writing Center offer high-quality assistance for various courses to fulfill students’ needs of developing professional skills.

Diversity Programs Office (DPO)
Diversity Programs Office (DPO) has positively impacted the academic, professional, and personal growth of tens of thousands of underrepresented minority students through a range of programs. The DPO programs and services offered include the Guided Learning Center, supplemental advising, Peer Mentorship Program, etc.

Women in Engineering (WIE)
WIE encourages women of all backgrounds to pursue careers in Engineering. WIE collaborates with other programs and units in the College of Engineering to provide a positive environment for the success of our women engineering students, and prepares women students for graduate programs and careers in engineering.
The Division of Engineering Computing Services (DECS)
DECS is inside the engineering building to provide computing resources of hardware and software for students. It also provides some free powerful software programs for personal and academic use.

The Center (Career Service)
The Center for Spartan Engineering as part of the MSU Career Services Network matches hundreds of engineering students and employers every year for Co-ops, Interns, Research positions, and Full-time Post Graduation Employment. Career Peers and professionals are available to assist you with resume development, interview and networking skills.

Engineering Programs and Job Fields (Part 2 of 3)

Department of Computer Science and Engineering (CSE)
Computer Science
CSE offers a foundation that permits graduates to adapt to new technologies and new ideas. It spans the range from theory through programming to cutting-edge development of computing solutions. The work falls into three categories: designing and building software, developing effective ways to solve computing problems, and devising new and better ways of using computers. A list of research labs and groups is available here.

Department of Electrical and Computer Engineering (ECE)
Electrical Engineering
The EE program explores the analysis and synthesis of electrical and electronic circuits and devices, signal processing control of systems, and the design and analysis of modern electrical systems. Career opportunities include circuit design, materials processing, manufacturing, defense, communications, robotics, and biomedical engineering.

Computer Engineering
CPE examines the theory, design, and applications of computers and information processing techniques. It emphasizes integrated-circuit and information technologies, with a focus on “embedded systems”. The program is more hardware- oriented than Computer Science. The graduates are prepared for careers in manufacturing, automotive, consumer products, aerospace, and communications.

For more details in ECE research opportunities on campus, click here.

Honors College
The Honors College offers many benefits to academically talented and committed students. All admitted students are automatically considered based on their performance prior to college, and no separate application is needed. More...

Please anticipate our next newsletter in December!