

COLLEGE OF ENGINEERING

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The College of Engineering is home to the Departments of Chemical Engineering, Electrical and Computer Engineering, Industrial and Manufacturing Engineering and Mechanical Engineering. Programs offered through the college focus on a variety of subject areas including embedded computer systems, signal process, control systems, robotics, manufacturing and human processes, safety, bioengineering, automotive design, alternative energy and much more.

Academic Programs

Chemical Engineering

Chemical engineers create processes and products that affect all areas of our lives. From developing new therapies to treat disease and creating sustainable materials, to cleaning water, designing battery systems, and generating energy; chemical engineers are making an impact in a variety of industries. At Kettering, you will be equipped with all the skills and tools you need to succeed. Small classes, professors who care, state-of-the-art labs, co-op and experiential learning opportunities - these are just a few of the many reasons to choose Kettering for chemical engineering.

Computer Engineering

Computers are embedded in an incredible range of modern products: cell phones, cameras, games, appliances, cars, airplanes, spacecraft, medical and military equipment—and that means just about every industry needs computer engineers. And there's no better place to learn how to lead the pack than Kettering. Small classes, professors who love to teach, state-of-the-art labs, co-op and experiential learning opportunities that starts in your first year—these are a few of the reasons to choose Kettering for computer engineering

Electrical Engineering

Electrical engineers pioneer novel solutions, design faster systems, and maximize reliability and safety. And there's no better place to begin your EE career than Kettering. Small classes, state-of-the-art labs, co-op and experiential learning opportunities —these are a few of the reasons to choose Kettering for electrical engineering.

Engineering

The Bachelor of Science in Engineering program prepares students for careers in multidisciplinary engineering. The program includes a core set of engineering courses, which provides students with a foundation in Computer, Electrical, Industrial, and Mechanical Engineering principles. Students will then select one of the following application areas: Engineering Management, Manufacturing Systems, Mechatronics Systems or Robotic Systems.

Industrial Engineering

Virtually every organization – banks, the military, theme parks, airlines, restaurants, retail companies, manufacturers, software companies, even hospitals – needs industrial engineers to find new ways to improve quality, save money, and increase productivity. And there's no better place to launch your career as an expert in innovation than Kettering. Small classes, state-of-the-art labs, co-op and experiential learning

opportunities—it's no surprise that U.S. News & World Report ranked us at the top for fourteen straight years.

Mechanical Engineering

Organizations everywhere need innovative MEs who can design smarter, faster, more fuel-efficient, and more cost-effective machines. Mechanical Engineering students may elect to customize their degree by taking a set of elective courses in a specific area; either by pursuing a concentration within the Mechanical Engineering program or by pursuing a Minor with non-Mechanical Engineering programs. And there's no better place to start your career as an ME than Kettering. Small classes, state-of-the-art labs, co-op and experiential learning opportunities that start in your first year—it's no surprise that U.S. News & World Report consistently ranks us as one of the nation's top programs.

Minors

Computer Engineering
Electrical Engineering

Dual Majors

The department heads of the programs have agreed upon a curriculum that satisfies all requirements for the following dual majors. Dual major contracts are available in either of the listed department offices. Programs not listed require approval of the appropriate department head(s).

- Computer Engineering & Computer Science
- Electrical Engineering & Computer Science
- Electrical Engineering & Computer Engineering
- Industrial Engineering & Management
- Mechanical Engineering & Electrical Engineering
- Mechanical Engineering & Applied Physics
- Mechanical Engineering & Industrial Engineering