ELECTRICAL ENGINEERING
Focuses on all things electrical/electronic, including electronic devices, systems, and energy. This includes digital-based communication and control systems; electric power; devices and electrical circuits; and robotics and control systems.

MECHANICAL ENGINEERING
Focuses on machines, structures, devices, mechanical systems, and energy conversion systems. This encompasses areas such as energy, fluid mechanics, thermodynamics, mechanical design, manufacturing processes, robotics, and systems modeling.

CURRICULUM
Milligan engineering students receive rigorous preparation in science and mathematics in the context of the Milligan liberal arts curriculum. This foundation enriches engineering and technology components with an understanding of culture, arts, and the humanities, and encourages students to see how all subjects—and technological solutions—are interconnected. Small classes provide closer attention to student learning, progress, and success. Engineering at Milligan is a four-year program, but students may opt for a fifth-year in order to complete a co-op program.
Facilities
Located in the Phillips Building at Milligan, the engineering labs include Applied-Specialization Labs for hands-on experimentation and class discussion, the Multi-Disciplinary Design Labs for student capstone projects, and the Maker-Space Lab. At Milligan, engineering education provides multiple opportunities for students to practice hands-on design in a multi-disciplinary environment.

Accreditation
The Milligan engineering majors have been reviewed and approved by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). Milligan also will be seeking accreditation from the Accreditation Board for Engineering and Technology (ABET). Accordingly, our program has been designed to meet their accreditation standards. Our engineering faculty are experienced and seasoned academicians who have been core faculty members in ABET-accredited programs. More information on ABET accreditation can be found at www.abet.org.

Admission
Apply to Milligan College and declare an electrical or mechanical engineering major. Engineering coursework involves a demanding undergraduate curriculum, so students should exemplify exceptional study habits, mental preparedness, and dedication to purpose. Below are recommendations for entering engineering students:

- 3.5 high school GPA (3.0 cumulative for transfers)
- Composite ACT score of at least a 25 with at least a 25 in the math category (1130 SAT)
- Minimum 4 credits of high school mathematics: Algebra 1, Algebra 2, Geometry, Pre-Calculus or Trigonometry
- Minimum 3 credits of high school physical science: Chemistry 1, Chemistry 2, Physics 1, Physics 2

(Transfer students need to have their transcripts evaluated and a plan sheet developed to determine if any additional coursework or time is necessary to complete the program and degree.)

Scholarship
An engineering scholarship is available for eligible students declaring an engineering major at the point of application. This can be combined with other Milligan institutional merit scholarships for up to $17,000 in academic scholarships. Students also may be eligible for need-based, state, and federal aid. Scholarships are limited, so apply early.

Apply Now: milligan.edu/engineering

$2 Best College for Veterans
Military Friendly School

Top 10 Regional Best College in the South
A Top 20 College
A Best Buy in the South

Top 10 Best College for Military

What Industry Leaders Are Saying

Eastman Chemical Company
"We need problem solvers, particularly with the education of engineers to solve the world’s problems. Thank you, Milligan, for what you’re doing for the future."

TPI Corporation (major U.S. heat and electrical equipment manufacturer)
"The markets that we sell—electrical and mechanical—mesh with the type of students that Milligan’s going to train in this program."

NN Inc. (leading diversified industrial manufacturer)
"We have a need for more engineers. We are looking for a place to create a technical incubator, a place to expand our R&D resources, and we’re going to a place like Milligan that has engineering talent that we can take advantage of."

Nuclear Fuel Services (fuel supplier for U.S. Navy’s nuclear-powered fleet)
"Milligan provides well-rounded graduates with strong Christian values that are a good fit for our organization. To have a feed of students who are ready to work, well-trained, and want to be in this area is a positive for us."