



ELECTRICAL MECHANICAL ENGINEERING

CURRICULUM

Milligan engineering students receive rigorous preparation in science and mathematics in the context of Milligan's 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. This traditional **four-year program** offers small classes that provide close attention to student learning, progress, and success. Our industrial partnerships provide many opportunities for engineering internships and co-ops.

FACILITIES

Milligan's engineering labs, located in the B. D. Phillips Building, include applied-specialization labs for hands-on experiences and class discussion, multi-disciplinary design labs for student capstone projects, and a maker-space lab. At Milligan, engineering education provides multiple opportunities for students to practice hands-on design in a multi-disciplinary environment.

ABET ACCREDITED

Milligan's bachelor's degree programs in electrical engineering and mechanical engineering are accredited by the Engineering Accreditation Commission of ABET, the global accreditor of college and university programs in applied and natural science, computing, engineering, and engineering technology.

INDUSTRY PARTNERS

Eastman
Nuclear Fuel Services
TPI Corporation
Siemens
Eastman Credit Union
See website for more



HANDS-ON EXPERIENCE TO HELP SOLVE REAL WORLD PROBLEMS

Students are trained to solve practical problems as servant-leaders. Some of the hands-on projects that our students have worked on include:

- Sustainable water treatment design for Hancock County, Tennessee
- Sustainable irrigation for Turkana, Kenya
- Off-grid, air conditioning systems for developing countries
- Adaptive vehicles for special needs children

100%

JOB PLACEMENT
RATE MONTHS
BEFORE
GRADUATION
IN 2023

93%

JOB PLACEMENT
RATE WITHIN
6 MONTHS OF
GRADUATION



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TRADITIONAL ENGINEERING CURRICULUM with hands-on focus combining theory and practice (4 years, completion path, all on our campus)

LIBERAL ARTS FOUNDATION helps you understand and communicate with those you'll serve

CHRISTIAN WORLDVIEW encourages you to serve others and impact the world

FACULTY MENTORING goes beyond the classroom

CAPSTONE DESIGN PROJECT EXPERIENCE where you'll apply knowledge and theory to real-world problems and be skill-ready when you hit the workforce

INDUSTRY LEADERS READY TO HIRE Milligan engineering grads

FACULTY CREDENTIALS

- West Point
- The United Nations
- NASA
- U.S. Department of Energy
- Fulbright Scholar



READY TO TAKE THE NEXT STEP?

Schedule your visit today!