

engineering technology

at UW-Green Bay



a bachelor's
degree
that works





have
the best
of both
worlds



the **technical skills** you want,
the **critical thinking** you need

The **Engineering Technology program** at UW-Green Bay is the result of collaboration between **University faculty** and **regional manufacturing leaders** to create a program that equips you with a skill set that's just right for navigating a dynamic future workplace. It's hands-on learning combined with **academic coursework** that is the perfect blend of applied training and scholarly discovery to make you indispensable in the workforce.

Start your day with physics class, then create a circuit board after lunch. Master the mechanics of motors and put one together for yourself. Study project management and microbiology. Learn "lean processes" and linear circuits. Our program is designed so that you can walk the walk and talk the talk. Get your hands dirty and know why. Be a leader and a doer. Be in demand in a changing world. Be a student of engineering technology.

3 fields of study to choose from:

electrical →
engineering technology

environmental →
engineering technology

mechanical →
engineering technology

bachelor of science electrical engineering technology

The Bachelor of Science degree in **Electrical Engineering Technology** at UW-Green Bay prepares you for a career in electrical engineering technology with the technical and managerial skills necessary to enter careers in the design application, installation, manufacturing, operation, and maintenance of electrical systems. Specialize in product improvement, manufacturing, construction, and operational engineering functions. The focus of the program is the application of engineering principles to the solution of practical problems. You will develop skills in hands-on application labs and courses that explore the fundamentals of electronics, mathematics, physics, computers, and control systems. Teamwork, technical writing, and project management are also emphasized throughout the curriculum. The goal of the major is to develop well-rounded engineering technologists that can adapt and succeed in a highly competitive workplace.

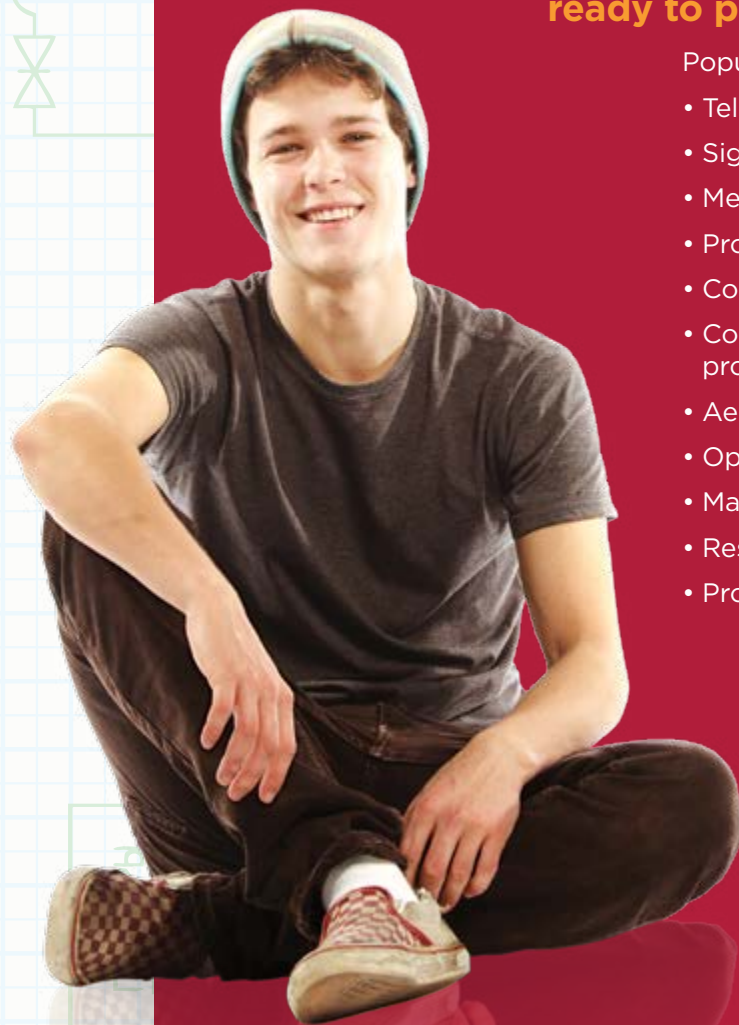
your future is so bright . . .

Electrical engineering technology graduates have strong employment potential with demand forecasted to increase annually by almost 3 percent. Over 14,000 new jobs are expected by 2018.

ready to plug in?

Popular career options include:

- Telecommunications
- Signal processing
- Medical technology and devices
- Process control
- Computer technology
- Conventional and green energy production/distribution
- Aerospace and avionics
- Optics and optoelectronics
- Manufacturing and testing
- Research and development
- Project management



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what sparks your imagination?



engineer



your world

bachelor of science environmental engineering technology

The Bachelor of Science degree in **Environmental Engineering Technology** at UW-Green Bay is an interdisciplinary program that prepares you for a career in applied environmental engineering using critical problem-solving skills needed in regional and national industries, manufacturing, governmental, and engineering services firms. The focus of the program is the application of engineering principles to the solution of practical problems. You will develop skills in hands-on applications and interdisciplinary coursework in engineering, mathematics, geoscience, chemistry, physics, and biology applied to a variety of environmental challenges. Learn how to examine the effects of pollution on humans and ecosystems, form strategies to improve processes to prevent or minimize negative effects, and develop sustainable solutions to using available resources. Teamwork, technical writing, and project management are also emphasized throughout the curriculum. The goal of the major is to develop well-rounded engineering technologists that can adapt and succeed in a highly competitive workplace.

craft a better tomorrow

Employment of environmental engineering technologists is expected to grow by over 20 percent through 2020. State and local governments are expected to focus efforts and resources on efficient water use, wastewater treatment, hazardous waste minimization, and environmental regulatory compliance, which will support demand in this field.

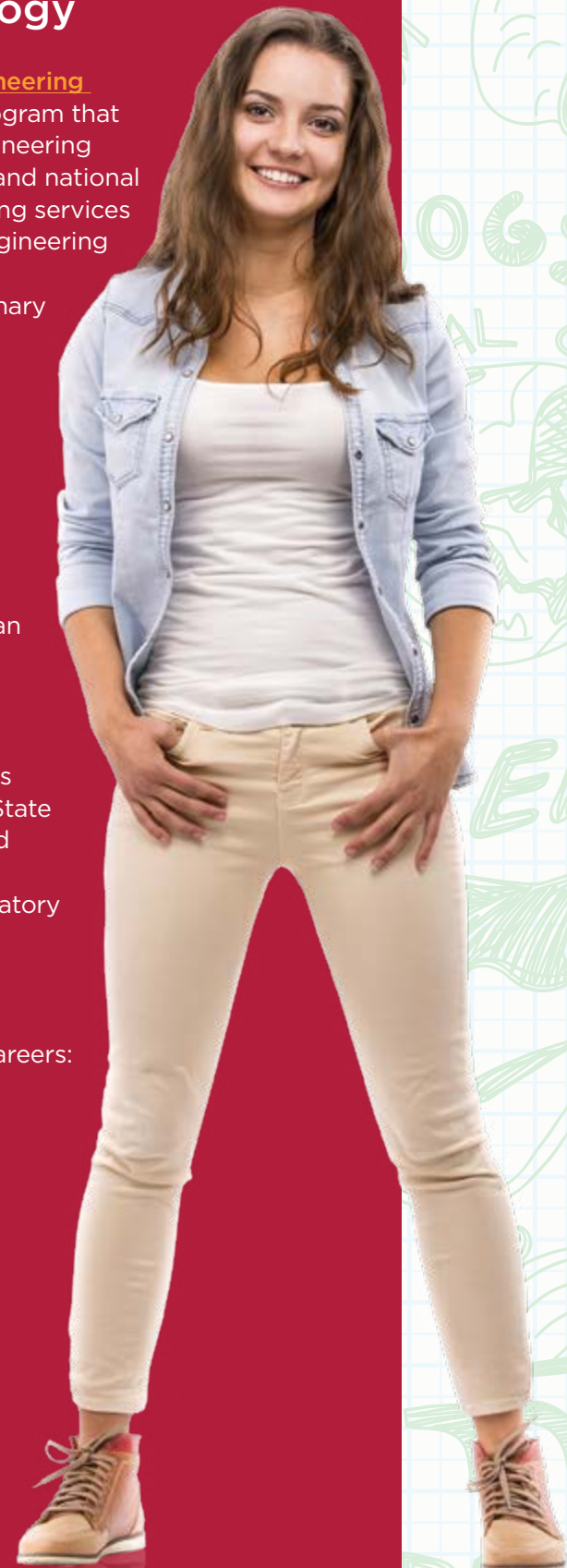
thrive in the field

Outside or in? The choice is yours with these popular careers:

- Environmental consultant
- Municipal water treatment
- Municipal/industrial wastewater treatment
- Sustainability manager
- Park naturalist
- Health and safety manager
- Environmental quality technologist
- Compliance technologist
- Laboratory manager
- Hazardous waste technologist



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bachelor of science mechanical engineering technology

The Bachelor of Science degree in **Mechanical Engineering Technology** at UW-Green Bay prepares you for a career in applied mechanical engineering using critical problem-solving skills needed in regional and national industries, manufacturing, and engineering services firms. The focus of the program is the application of engineering principles to the solution of practical problems. You will develop skills in hands-on application labs and courses that explore the fundamentals of mechanics, mathematics, physics, materials technology, and computer-aided design. Teamwork, technical writing, and project management are also emphasized throughout the curriculum. The goal of the major is to develop well-rounded engineering technologists that can adapt and succeed in a highly competitive workplace.

succeed in a changing marketplace

This program will give you the versatility and flexibility to flourish as the workplace evolves. Mechanical engineering technology graduates have strong employment potential and opportunities are forecasted to keep pace with the demand for technical products. The U.S. Bureau of Labor Statistics states that jobs in this field will grow at a rate of 16 percent, or 35,000 additional jobs, through 2016.

ready to build your future?

Graduates will be ready for these careers and more:

- Mechanical engineering technologist
- Mechanical equipment designer
- Manufacturing engineering technologist
- Process designer
- Technical engineer
- Equipment testing
- Design analyst
- Field service representative



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a degree



that transforms

a network of future employers, focused on you

The [Northeast Wisconsin Educational Resource Alliance, NEW ERA](#), has established advisory boards linking leaders of regional industry with participating educational institutions to shape the engineering technology programs. Through these relationships, students will have many opportunities for co-op experiences, internships, and post-graduation employment.

There are many paths to earning your degree: You could start at [UW-Green Bay](#), one of the [UW System two-year colleges](#), or a local [technical college](#). But no matter how you choose to begin, end at UW-Green Bay to earn your Bachelor of Science degree in engineering technology.

be part of something



get your hands on engineering



your successful
career starts
with a click.

apply online at
www.uwgb.edu/admissions.

