

# Engineering Technology

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(Bachelor of Science)

## Program Mission

All of the Engineering Technology programs include a strong liberal arts base along with a number of hands-on experiences, including a capstone experience or internship that often will be working with businesses and organizations within the community.

## Electrical Engineering Technology

Prepares students for a career as an electrical engineering technologist with the technical and managerial skills necessary to enter careers in the design, application, installation, manufacturing, operation and maintenance of electrical/electronic systems. Students specialize in product improvement, manufacturing, construction and operational engineering functions.

View the Electrical Engineering Technology degree description (<http://www.uwgb.edu/engineer-tech/electrical-engineering-technology/degree-description-electrical-engineering/>)

## Environmental Engineering Technology

Responds to northeastern Wisconsin manufacturers and municipalities workforce needs, and addresses the 2010-2020 Bureau of Labor Statistics projections estimating a 14 percent increase in environmental engineering technology positions. Graduates are prepared to work in a number of industries both in and outside of manufacturing, such as in industrial waste treatment, water and wastewater management, agribusiness, environmental consulting, ecological evaluations and biotechnology sectors.

View the Environmental Engineering Technology degree description (<http://www.uwgb.edu/engineer-tech/environmental-engineering-technology/degree-description-environmental-engineering/>)

## Mechanical Engineering Technology

Provides students with instruction and hands-on experience to develop competencies in applied mechanical engineering and analytical and critical problem-solving skills. Graduates and industry benefit from a more knowledgeable and flexible workforce that will fill positions in regional industries, manufacturing and engineering service firms.

View the Mechanical Engineering Technology degree description (<http://www.uwgb.edu/engineer-tech/mechanical-engineering-technology/degree-description-mechanical-engineering/>)

## Majors

- Electrical Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/electricalmajor/>)
- Environmental Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/environmentalmajor/>)
- Mechanical Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/mechanicalmajor/>)

## Curriculum Guides

- Electrical Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/cg/electrical/>)
- Environmental Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/cg/environmental/>)
- Mechanical Engineering Technology (<http://catalog.uwgb.edu/archive/2020-2021/undergraduate/programs/engineeringtechnology/cg/mechanical/>)

## Faculty

**John F Katers**; Professor; Ph.D., Marquette University\*

**Patricia A Terry**; Professor; Ph.D., University of Colorado, chair\*

**Maruf Hossain**; Associate Professor; Ph.D., University of Memphis

**Mohammad Mahfuz**; Associate Professor; Ph.D., University of Ottawa

**Jagadeep Thota**; Associate Professor; Ph.D., University of Nevada - Las Vegas

**Riaz Ahmed**; Assistant Professor; Ph.D., University of South Carolina