

# MECHANICAL ENGINEERING TECHNOLOGY, B.S. (BEHREND)

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**Begin Campus:** Any Penn State Campus

**End Campus:** Erie

## Career Paths

Mechanical engineering technology coursework and laboratory experiences emphasize development of your skills in applied design and analysis. You'll also receive instruction in the selection and application of manufacturing processes and engineering materials. Penn State Behrend has a comprehensive support system to help you identify and achieve your goals for college and beyond. Meet with your academic adviser often and take advantage of the services offered by the Academic and Career Planning Center beginning in your first semester.

## Careers

Penn State Behrend's B.S. in Mechanical Engineering Technology graduates conceptualize new designs and use computer-aided design and measurement technologies to analyze designs, select materials, and discover ways to optimize manufacturing processes and quality control. They work in the automotive, aeronautical, petroleum, defense, medical, power generation, transportation, and materials fields. Their careers include applied product design, manufacturing processes development, field service engineering, quality control, plant management, and technical sales. Employers of recent Behrend MET graduates include Boeing, Cummins, Exxon Mobile, Wabtec, General Dynamics, Komatsu, SKF, Sandia National Laboratory, U.S. Steel, Westinghouse, Zurn Industries, and Parker.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE MECHANICAL ENGINEERING TECHNOLOGY PROGRAM (<https://behrend.psu.edu/school-of-engineering/academic-programs/mechanical-engineering-technology/>)

## Opportunities for Graduate Studies

Graduate programs in mechanical engineering technology delve more deeply into methods of analysis, statistical methods, computer network applications, and applied dynamics. Or, you can use a master's degree to learn management skill; Penn State Behrend offers a Master of Manufacturing Management (M.M.M) degree program for aspiring organizational leaders.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (<https://behrend.psu.edu/school-of-engineering/academic-programs/master-of-manufacturing-management/>)

## Professional Resources

- ABET (<https://www.abet.org/>)
- American Society of Mechanical Engineers (<https://www.asme.org/>)
- Institution of Engineering and Technology (<https://www.theiet.org/>)
- Society of Women Engineers (<https://swe.org>)
- National Society of Black Engineers (<https://nsbe.org>)