

COMPUTER ENGINEERING, B.S. (BEHREND)

Begin Campus: Any Penn State Campus

End Campus: Erie

Career Paths

Breadth of experience with computing technologies makes it possible for computer engineering graduates to begin their careers in nearly every sector of the economy. Entry-level computer engineers typically work in computer design, systems analysis, hardware, software development, signal processing tool design, validation, firmware, and computer vision. 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 with your first semester.

Careers

Employers of recent Penn State Behrend B.S. in Computer Engineering graduates include Bechtel Marine Propulsion, Duquesne Light, GE, Intel, Northrop Grumman, RoviSys, ASCO Power Technologies, Siemens, Zoll Medical Corp., Westinghouse, and Texas Instruments.

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

Opportunities for Graduate Studies

Graduate programs in computer engineering often delve more deeply into areas of specialization such as control engineering, automation, embedded sensor systems, hardware and software architecture, biomedical technologies, nanotechnologies, and even economic and financial modeling. Or, you can earn a master's degree to learn management skills; 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/>)
- Institution of Electrical and Electronics Engineers (IEEE) Computer Society (<https://www.computer.org/>)
- Association for Computing Machinery (<https://www.acm.org/>)
- Society of Women Engineers (<https://swe.org>)
- National Society of Black Engineers (<https://www.nsbe.org>)