

# ENGINEERING TECHNOLOGIES *and* APPLIED DESIGN

*"I always had access to the latest software, equipment, tools, and machinery which is something many undergraduates cannot say. Because of the real world experience I gained at Berea, I now have an abundance of job opportunities after graduation."*

*- Mercedes, ETAD Major*



## ABOUT THE DEPARTMENT

The Engineering Technologies and Applied Design Department (ETAD) at Berea College provides dynamic, relevant, and contemporary curriculum and facilities that engage students in design and production while emphasizing sustainable practices. Through practical, hands-on experiences within an immersive liberal arts education, the department strives to cultivate critical and creative problem-solvers with the capabilities to identify, analyze, and implement design solutions as responsible and globally minded citizens.

The ETAD Department now offers a single Core Degree – Bachelor of Science (BS) in Engineering Technologies and Applied Design. In addition to the core degree, we offer two concentrations in either Technology Management or Engineering and Technology Education (with teaching certification (5-12)).

## OPPORTUNITIES & INTERNSHIPS

- All TAD majors are encouraged to complete an internship through a variety of companies nationwide.
- International experiences are encouraged across a variety of countries.
- Valuable experience can be gained through the labor program as a Teaching or Technical Assistant in the Department or across campus.

- Students partner with community sponsors to design and develop technological solutions to real world problems.
- The Westervelt Program gives Berea College students, faculty, staff, and townspeople the opportunity to have a practical “hands-on” experience with technology. Topics covered include graphic arts, electronics, power mechanics, metals, and crafts.

## CAREERS & OUTCOMES

Berea Technology and Applied Design majors find success in a broad range of career fields and occupations, including but not limited to:

- Design Engineering
- Industrial Engineering
- Manufacturing Engineering
- Production Management
- Quality Control
- Sustainable Development
- Graphic Artistry
- Metal Working/Welding
- Photography
- Woodworking



## WHY IS A LIBERAL ARTS EDUCATION VALUABLE?

A liberal arts education at Berea College, combined with our work study program, equips students with highly employable skills like communication, problem-solving, and teamwork. Beyond offering a degree program, we help our students develop social responsibility and prepare them to successfully navigate diversity, change, and the complex demands of a modern work place.



80

percentage of employers who want colleges to emphasize critical thinking, analytic reasoning, and oral and written communication.

#1

Berea College's ranking as "Best Liberal Arts College" by Washington Monthly Magazine, 2018.

75

percentage of employers who believe successful college graduates should have both liberal arts training and experience in the field.

90

percentage of Berea students who credit liberal arts and work study for developing their communication, critical thinking, & problem-solving skills.



*"People with a liberal arts education are able to think and view the world from several different perspectives . . . This ability to understand and adapt is very valuable in today's workplace."*

**Edward B. Rust Jr.**  
**Chairman and CEO, State Farm Insurance Companies**