PLASTICS ENGINEERING TECHNOLOGY, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: Erie

Program Description

This major prepares graduates with the knowledge and skills needed to provide high level engineering technology support to a wide variety of industrial, developmental, commercial, consulting, and sales organizations dealing with the development, manufacture and/or distribution of plastics related products, materials and technologies. The program emphasizes the integration of engineering and scientific principles, practical hands-on experience, application of state-of-the-art computer technologies, and management methods.

Graduates are qualified for positions in product development, part design, tooling design, R&D, processing, plant engineering, production control, technical sales and marketing in the plastics industry, and are provided a path to a wide variety of graduate degrees in engineering, science or business.

The four-year baccalaureate program is accredited by the Engineering Technology Accreditation Commission of ABET, www.abet.org (http://www.abet.org). Graduates of the Penn State University associate degree program in Plastics Engineering Technology and Mechanical Engineering Technology may complete this degree in five semesters of full-time study.

What is Plastics Engineering Technology?

Plastics engineering technology is a unique undergraduate engineering discipline that studies optimization of the physical processes required to form raw plastics into usable, cost-efficient parts and components. Coursework in the discipline includes computer-aided design, materials properties, tool design and machining, fluid and thermal science, automation, and project management.

You Might Like This Program If...

- You recognize the ubiquity of plastics—they are everywhere!
- You are a creative problem solver.
- You are looking for a hands-on engineering discipline.
- You'd like to learn and conduct research in the country's largest undergraduate plastics processing lab.
- You want to be an integral part of a sustainable future.