PLASTICS ENGINEERING TECHNOLOGY, B.S.

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. 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.