



# University Bulletin

## Undergraduate Degree Programs

### Plastics Engineering Technology

*Penn State Erie, The Behrend College (PLTBD)*

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 Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET), 111 Market Place Suite 1050, Baltimore, MD 21202-4012 - Telephone: 410-347-7700. Graduates of the Penn State University associate degree program in Plastics Engineering Technology and Mechanical Engineering Technology may complete this degree in two years and 2 1/2 years respectively.

For the B.S. degree in Plastics Engineering Technology, a minimum of 134 credits is required. Each student must earn at least a grade of C in each 300- and 400-level course in the major field.

*Scheduling Recommendation by Semester Standing given like (Sem: 1-2)*

**GENERAL EDUCATION:** 45 credits  
(18 of these 45 credits are included in the REQUIREMENTS FOR THE MAJOR)  
(See description of General Education in this bulletin.)

**FIRST-YEAR SEMINAR:**  
(Included in ELECTIVES or GENERAL EDUCATION course selection)

**UNITED STATES CULTURES AND INTERNATIONAL CULTURES:**  
(Included in GENERAL EDUCATION course selection)

**WRITING ACROSS THE CURRICULUM:**  
(Included in REQUIREMENTS FOR THE MAJOR)

**ELECTIVES:** 1 credit

**REQUIREMENTS FOR THE MAJOR:** 106 credits  
(This includes 18 credits of General Education courses: 9 credits of GN courses; 6 credits of GQ courses; 3 credits of GWS courses.)

**PRESCRIBED COURSES** (82 credits)

CHEM 110 GN(3), CHEM 111 GN(1), EG T 120(3), METBD 111(3), PHYS 250 GN(4), PL ET 050(2) (Sem: 1-2)  
PL ET 222(4) (Sem: 2-3)  
MCH T 111(3) [1](#mnote13), MCH T 213(3) [1](#mnote13), PL ET 205(3) [1](#mnote13), PL ET 206W(3) [1](#mnote13), PL ET 225(2) [1](#mnote13), PL ET 227(4) [1](#mnote13), PL ET 232(3) [1](#mnote13), PL ET 235(2) [1](#mnote13) (Sem: 3-4)  
ENGL 202C GWS(3), MATH 211(3), MET 418(3), PL ET 304(3), PL ET 323(3), PL ET 330(4), PL ET 345(2), PL ET 350(4), PL ET 366(3), PL ET 494A(3) (Sem: 5-6)  
MGMT 409(3), PL ET 400(3), PL ET 430(2) (Sem: 7-8)

**ADDITIONAL COURSES** (15 credits)

MATH 081 GQ(3) (#mnote13), MATH 082 GQ(3) (#mnote13), MATH 083 GQ(4), MATH 210 GQ(3) (#mnote13) and two credits of GN electives; or MATH 140 GQ(4), MATH 141 GQ(4), 2 credits of GN electives, and 5 credits of general electives (Sem: 1-4)

**SUPPORTING COURSES AND RELATED AREAS** (9 credits)

Select a total of 9 credits of technical electives from School-approved list. (Sem: 7-8)

**[1]** A student enrolled in this major must receive a grade of C or better, as specified in Senate Policy 82-44

Last Revised by the Department: Summer Session 2005

Blue Sheet Item #: 33-06-009

Review Date: 10/26/06

UCA Revision #1: 8/9/06

UCA Revision #2: 7/30/07

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This is the official bulletin of The Pennsylvania State University. Programmatic expectations for General Education are those in effect at the time of admission to degree candidacy, and college and major requirements are those in effect at the time of entry to college and major. These are accurately indicated in each student's degree audit.

The University reserves the right to change the requirements and regulations listed here and to determine whether a student has satisfactorily met its requirements for admission or graduation, and to reject any applicant for any reason the University determines to be material to the applicant's qualifications to pursue higher education. Nothing in this material should be considered a guarantee that completion of a program and graduation from the University will result in employment.

The University Faculty Senate has responsibility for and authority over all academic information contained in the Undergraduate Bulletin.