

Option I - Manufacturing

Option II - Design

				<u>Freshman</u>											
ENGL	101	English Composition	3	COMM	207	Speech Communication	3	ENGL	101	English Composition	3	MATH	155	Calculus II	5
CHEM	215	General Chemistry	3	EET	141	Introductory Electronics (non major)	3	CHEM	215	General Chemistry	3	****	***	Gen. Ed. (Economy/Business)	3
CHEM	216	General Chemistry Lab	2	MFGET	263	Manufacturing Methods I	2	CHEM	216	General Chemistry Lab	2	****	***	Gen. Ed. (Social Studies WI)	3
MATH	126	Pre-Calculus	4	MFGET	268	Manufacturing Methods I Lab	1	PET	180	General Plastics Lab (WI)	1	PSYCH	155	General Psychology	3
PET	185	General Plastics	3	MFGET	296	Materials in Industry (WI)	3	PET	185	General Plastics	3	MFGET	263	Manufacturing Methods I	2
PET	180	General Plastics Lab (WI)	1	****	***	Gen Ed Social Studies (WI)	3	MATH	150	Calculus I	5	MFGET	268	Manufacturing Methods I Lab	1
Total 16				Total 15				Total 17				Total 17			
				<u>Sophomore</u>											
CHEM	320	Intro to Organic Chemistry	3	MECET	121	Engineering Graphics I or	3	PHYS	104	Engineering Physics I	4	MECET	226	Computer Aided Design or	3
CHEM	326	Intro to Organic Chemistry Lab	2	MFGET	160	Manufacturing Graphics	3	PHYS	130	Elementary Physics I Lab	1	MECET	261	Computer Aided Part Design	3
PET	281	Plastics Testing Technology	3	ENGL	301	Tech / Prof Writing (PR ENGL 101, 299)	3	MECET	121	Engineering Graphics I or	2	MFGET	220	Statics	3
ENGL	299	Introduction to Research Writing	3	CHEM	620	Polymer Chemistry	3	MFGET	160	Manufacturing Graphics	3	ENGL	301	Tech./ Prof. Writing	3
MATH	150	Calculus I	5	CHEM	621	Polymer Chemistry Lab	2	ENGL	299	Intro. Research Writing	3	CHEM	620	Polymer Chemistry	3
EET	340	Intro to Industrial Automation	3	PHYS	104	Eng. Physics	3	PET	281	Plastics Testing Technology	3	CHEM	621	Polymer Chemistry Lab	2
Total 19				PHYS	130	Elementary Physics Lab	2	CHEM	320	Intro to Organic Chemistry I	3	BIOL	113	Environmental Life Science	3
				TOTAL 16				CHEM	326	Intro to Organic Chemistry I Lab	2	Total 18			
				<u>Junior</u>											
PET	370	Thermoplastic Resins Lab	1	PET	374	Thermoset Resins Lab	1	EET	141	Introductory Electronics (non major)	3	HHP	150	Lifetime Fitness Concepts	1
PET	371	Thermoplastic Resins	3	PET	375	Thermoset Resins	3	PET	370	Thermoplastic Resins Lab	1	PET	374	Thermoset Resins Lab	1
PET	372	Plastics Processing I Lab	1	PET	376	Plastics Processing II Lab	1	PET	371	Thermoplastic Resins	3	PET	375	Thermoset Resins	3
PET	373	Plastics Processing I	3	PET	377	Plastics Processing II	3	PET	372	Plastics Processing I Lab	1	PET	376	Plastics Processing II Lab	1
BIOL	113	Environmental Life Science	4	MATH	243	Statistics	3	PET	373	Plastics Processing I	3	PET	377	Plastics Processing II	3
****	***	G.E. Lang & Cultures/Fine Arts	3	PSYCH	155	General Psychology (Gen. Ed)	3	COMM	207	Speech	3	****	***	G.E. Lang & Cultures/Fine Arts	3
MECET	226	Computer Aided Design Or	3	Total 14				MECET	226	Computer Aided Drafting Or	3	****	***	G.E. Core Course	3
MFGET	261	Computer Aided Part Design	3					MFGET	261	Computer Aided Part Design	3	MECET	523	Mechanical Design I	3
Total 18								Total 17				Total 18			
				<u>Senior</u>											
MECET	524	Fluid Mechanics	3	ETECH	502	Engineering Economy	3	MECET	420	Kinematics	2	PHYS	514	Applied Thermo.	3
MECET	525	Fluid Mechanics Lab	1	EST	603/593	Intro to/Industrial Safety	3	MECET	423	Mechanics of Materials	3	ETECH	502	Engineering Economy	3
PET	585	Mold Design	3	PET	586	Senior Project	3	MECET	424	Mechanics of Materials Lab	1	PET	586	Senior Project	3
HHP	150	Lifetime Fitness Concepts	1	PET	684	Plastics Part Design	3	MECET	524	Fluid Mechanics	3	PET	684	Plastics Part Design	3
****	****	Gen. Ed. (Economy/Business)	3	PET	685	Composites	3	MECET	525	Fluid Mechanics Lab	1	PET	685	Composites	3
MFGET	405	Quality Control	3	Total 15				PET	585	Mold Design	3	Total 15			
Total 14								Total 13							

Note: When a student attains 85 semester hours of credit (including current enrollment) the student must apply for a degree check from the Degree Checking Office.

Minimum General Requirements: The minimum requirements for graduation include 127/136 semester hours of which 60 hours must be from a four-year university. In addition, 45 semester hours must be upper division and 30 hours in residence at Pittsburg State University (including 24 of the last 30). Minimum GPA are 2.0 overall, 2.0 in the major, 2.0 in the minor, and 2.0 in the resident courses at PSU. Specific General Education requirements for all Baccalaureate Degrees are listed in the university catalog. The General Education requirements for Engineering Technology students are approved as per page 48 of the catalog.

Chairperson, Dept. of Engineering Technology

Dean, College of Technology

Registrar