

## Electronic Engineering Technology

### Recommended Sequence

Modified 05-03-07

#### Fall

ENGL	101 English Composition	3
MATH	143 Elementary Statistics (PR: 1 unit HS algebra)	3
MECET	121 Engineering Graphics I	3
EET	100 Prolog to Electronics	2
BIOL	113 Environmental Life Science	4
UGS	100 The Freshman Experience	2
<b>Total = 17</b>		

#### Spring

MATH	126 Pre-Calculus (PR: 2 units HS algebra and trig.)	4
EET	144 DC Circuit Anal. Methods (PR: EET 100)	3
EET	244 Logic Circuits (PR: EET 100)	3
PSYCH	155 General Psychology	3
***	*** Gen. Ed. Elective (See reverse)	3
HHP	150 Lifetime Fitness Concepts	1
<b>Total = 17</b>		

#### FRESHMAN

#### SOPHOMORE

COMM	207 Speech Comm. (PR: ENGL 101 or 190)	3
MATH	150 Calculus I (PR: MATH 126)	5
EET	245 Electronic Devices & Circuits (PR: EET 144)	3
EET	246 AC Circuit Analysis Method (PR: EET 144, MATH 126, CR: MATH 150)	3
CSIS	240 C++ Programming (MATH 126)	3
<b>Total = 17</b>		

MATH	155 Calculus II (PR: MATH150)	5
MFGET	263 Manufacturing Methods I	2
MFGET	268 Manufacturing Methods I Lab	1
PHYS	104 Engineering Physics I (PR: MATH 150)	4
PHYS	130 Elementary Physics Lab I (CR: PHYS 104)	1
EET	299 Electronics Core Exam (PR: EET 245, 246)	1
ENGL	299 Intro to Res. Writing (PR ENGL 101, 2WL)	3
<b>Total = 17</b>		

#### JUNIOR

PHYS	105 Engineering Physics II (PR: PHYS 104)	4
PHYS	131 Elementary Physics Lab II (CR: PHYS 105)	1
EET	344 Microcomputer Systems (PR: EET 299)	3
EET	349 Linear Integrated Circuits (PR: EET 299)	3
EET	447 Comm. Theory & Circuits (PR: EET 299)	3
EET	449 Advanced Logic Des (PR: EET 299)	3
<b>Total = 17</b>		

***	*** Gen. Ed. Elective (See reverse)	3
ENGL	301 Tech / Prof Writing (PR: ENGL 101, 299)	3
EET	546 Electronic Controls (PR: EET 299)	3
EET	*** Required Emphasis	3
EET	*** Required Emphasis	3
***	*** Approved Electives	3
<b>Total = 18</b>		

#### SENIOR

EET	540 Electronic Design Proposal (PR: EET 299, & 9 upper division EET hours)	3
ETECH	694 Eng Tech Lab Internship	1-4
ETECH	502 Engineering Economy	3
EET	*** Required Emphasis	3
***	*** Approved Electives	3
<b>Total = 13</b>		

EET	640 Applied Design Problems (PR: EET 540)	2
EET	642 Electronics Tech. Seminar (CR: EET 640)	1
***	*** Gen. Ed. Elective (See reverse)	3
***	*** Gen. Ed. Elective (See reverse)	3
EET	*** Required Emphasis	3
***	*** Approved Electives	3
<b>Total = 15</b>		

Approved Electives:

CMCET	331 Electrical Systems	3
MFGET	405 Quality Control	3
MFGET	363 Principles of Tool Design	3
MECET	420 Kinematics	3
MECET	423 Mechanics of Materials	3
MECET	424 Mechanics of Materials Laboratory	1
MECET	524 Fluid Mechanics	3
MECET	525 Fluid Mechanics Laboratory	1
MGMKT	444 Legal & Social Environment of Bus.	3
ETECH	300 COOP Education	3-6
ETECH	400 COOP Education	3-6

#### OR

Upper division courses from the following:  
Any Electronics Engineering Tech. non-required course  
Computer Science courses  
Business courses  
Mathematics courses  
Physics courses  
Others by consent of advisor

**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 124 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 specific General Education requirements for Engineering Technology students are approved as per the catalog.

Chairperson

Dean

Registrar