



# Pitt State

Electronics Engineering Technology (Power), Bachelor of Science in Engineering Technology

Catalog 2024-25

Name:

ID:

This academic degree map is a term-by-term course schedule designed for you to graduate in four years. The sample schedule below serves as a general guideline to building a full-time schedule for each term. Earning a degree requires that you complete (1) the required General Education courses, (2) the course requirements of your major and (3) any requirements PSU has designated for a Bachelor degree. Courses and special notes are specified to keep you on track to graduate in four years. Where open elective is listed, it means that you may take a course of your choosing, perhaps a course in an area outside of your major, but be sure to discuss this with your advisor.

This map is not a substitute for academic advisement – contact your advisor if you have any questions throughout the term and as you begin planning for the next. The University Catalog is also available as a resource with a complete list of requirements for all degrees offered at PSU.

### Recommended 4-years to graduation plan

Code	Semester 1 - FRESHMAN YEAR	Credit	NOTES
EET 100	Prolog to Electronics	2	
MATH 126	Pre-Calculus	4	
ENGL 101	English Composition (SGE) <sup>010</sup>	3	C or better
UGS 150	Gorilla Gateway (SGE) <sup>070</sup>	2	
MECET 121	Engineering Graphics I (SGE) <sup>070</sup> Suggested	3	
MATH 143	Elementary Statistics	3	
<b>TOTAL CREDIT HOURS</b>		<b>17</b>	

	Semester 3 - SOPHOMORE YEAR	Credit	
MATH 154	Engineering Calculus II	4	
EET 245	Electronic Devices & Circuits	3	
EET 246	A.C. Circuit Analysis Methods	3	
PHYS 104	Engineering Physics I (SGE) <sup>040</sup> (or PHYS 100)	4	C or better
PHYS 130	Elementary Physics Lab (SGE) <sup>040</sup>	1	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 5 - JUNIOR YEAR	Credit	
EET 341	Signals and Systems	3	
EET 344	Microcomputer Systems	3	
EET 349	Analog Integrated Circuits	3	
300+	Power Systems Emphasis Option	3	
300+	Electronics Approved Elective	3	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 7 - SENIOR YEAR	Credit	
EET 540	Senior Capstone I	3	
300+	Choose from the following EET/CMCET/EETECH/MECET	3	
ENGL 301	Technical/Professional Writing	3	
Bucket 050	Social & Behavioral Science (SGE) <sup>050</sup>	3	
300+	Electronics Approved Elective	3	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

Code	Semester 2 - FRESHMAN YEAR	Credit	NOTES
MATH 150	Calculus I (SGE) <sup>030</sup>	5	
EET 144	D.C. Circuit Analysis Methods	3	
EET 244	Logic Circuits	3	
ENGL 299	Intro to Research Writing (SGE) <sup>010</sup>	3	C or better
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	3	
<b>TOTAL CREDIT HOURS</b>		<b>17</b>	

	Semester 4 - SOPHOMORE YEAR	Credit	
EET 641	Electric Power	3	
EET 247	Computer Prog. Electronic Systems	3	
PHYS 105	Engineering Physics II	4	
PHYS 131	Elementary Physics Lab II	1	
COMM 207	Speech Communication (SGE) <sup>020</sup>	3	
Bucket 070	Institutionally Designated (SGE) <sup>070</sup>	1	
<b>TOTAL CREDIT HOURS</b>		<b>15</b>	

	Semester 6 - JUNIOR YEAR	Credit	
300+	Power Systems Emphasis Option	3	
EETECH 694	E-Tech Lab Internship	1	
EET 546	Instrumentations	3	
EET 440	Capstone Fundamentals	1	
EETECH 502	Engineering Economy (SGE) <sup>050</sup> Suggested	3	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
<b>TOTAL CREDIT HOURS</b>		<b>14</b>	

	Semester 8 - SENIOR YEAR	Credit	
EET 640	Senior Capstone II	2	
EET 642	Electronic Technology Seminar	1	
300+	Electronics Approved Elective	3	
300+	Choose from the following EET/CMCET/EETECH/MECET	3	
Bucket 060	Arts & Humanities (SGE) <sup>060</sup>	3	
<b>TOTAL CREDIT HOURS</b>		<b>12</b>	

Writing to Learn: Typically one from general education and one in major coursework.

### Systemwide General Education (SGE) Key

- 010 English
- 020 Communications
- 030 Math & Statistics
- 050 Social & Behavioral Sciences
- 060 Arts & Humanities
- 070 Institutionally Designated