



Pitt State

Name: _____
ID: _____

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

Catalog 2024-25

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) ⁰¹⁰	3	C or better
UGS 150	Gorilla Gateway (SGE) ⁰⁷⁰	2	
MECET 121	Engineering Graphics I	3	
MATH 143	Elementary Statistics	3	
TOTAL CREDIT HOURS		17	

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

	FRESHMAN Summer	Credit
EET 343	Automation I: Industrial Controls	3

	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
EET 443	Automation II: System Integration	3
COMM 207	Speech Communication (SGE) ⁰²⁰	3
TOTAL CREDIT HOURS		16

	Semester 4 - SOPHOMORE YEAR	Credit	
EET 641	Electric Power	3	
EET 247	Computer Prog. for Electronic Systems	3	
PHYS 104	Engineering Physics I (SGE) ⁰⁴⁰ (or PHYS 100)	4	C or better
PHYS 130	Elementary Physics Lab (SGE) ⁰⁴⁰	1	
EET 543	Automation III: Immersive Experiences	3	
TOTAL CREDIT HOURS		14	

	Semester 5 - JUNIOR YEAR	Credit
EET 341	Signals and Systems	3
EET 344	Microcomputer Systems	3
EET 349	Analog Integrated Circuits	3
PHYS 105	Engineering Physics II	4
PHYS 131	Elementary Physics Lab II	1
300+	Electronics Approved Elective	3
TOTAL CREDIT HOURS		17

	Semester 6 - JUNIOR YEAR	Credit
ETECH 694	E-Tech Lab Internship	1
EET 646	Control Theory	3
EET 546	Instrumentations	3
EET 440	Capstone Fundamentals	1
Bucket 070	Institutionally Designated (SGE) ⁰⁷⁰	1
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3
TOTAL CREDIT HOURS		12

	Semester 7 - SENIOR YEAR	Credit
EET 540	Senior Capstone I	3
EET 448	Network Systems	3
ENGL 301	Technical/Professional Writing	3
Bucket 050	Social & Behavioral Sciences (SGE) ⁰⁵⁰	3
TOTAL CREDIT HOURS		12

	Semester 8 - SENIOR YEAR	Credit
EET 640	Senior Capstone II	2
EET 642	Electronic Technology Seminar	1
300+	Electronics Approved Elective	3
ETECH 502	Engineering Economy (SGE) ⁰⁵⁰ Suggested	3
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3
TOTAL CREDIT HOURS		12

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