Pitt State

Name:
ID:

Electronics Engineering Technology (Computer and Embedded Systems),
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 (SGE)[070] Suggested	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**	

	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)[040] (or PHYS 100)	4	C or better
PHYS 130	Elementary Physics Lab (SGE)[040]	1	
	TOTAL CREDIT HOURS	**15**	

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

	Semester 5 - JUNIOR YEAR	Credit	
EET 341	Signals and Systems	3	
EET 344	Microcomputer Systems	3	
EET 349	Analog Integrated Circuits	3	
EET 449	Programmable Logic Devices	3	
300+	Electronics Approved Elective	3	
	TOTAL CREDIT HOURS	**15**	

	Semester 6 - JUNIOR YEAR	Credit	
EET 647	Digital Signal Processing	3	
ETECH 694	E-Tech Lab Internship	1	
EET 546	Instrumentations	3	
EET 440	Capstone Fundamentals	1	
ETECH 502	Engineering Economy (SGE)[050] Suggested	3	
Bucket 060	Arts & Humanities (SGE)[060]	3	
	TOTAL CREDIT HOURS	**14**	

	Semester 7 - SENIOR YEAR	Credit	
EET 540	Senior Capstone I	3	
EET 549	Advanced Microcontrollers	3	
ENGL 301	Technical/Professional Writing	3	
Bucket 050	Social & Behavioral Sciences (SGE)[050]	3	
300+	Electronics Approved Elective	3	
	TOTAL CREDIT HOURS	**15**	

	Semester 8 - SENIOR YEAR	Credit	
EET 640	Senior Capstone II	2	
EET 642	Electronic Technology Seminar	1	
300+	Electronics Approved Elective	3	
EET 330+	Electronics Approved Elective	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	050 Social & Behavioral Sciences
020 Communications	060 Arts & Humanities
030 Math & Statistics	070 Institutionally Designated