

Major: Electrical & Electronics Engineering technology (Effective Fall 2025)

FIRST YEAR - Become familiar with the faculty, staff, and lab facilities - Talk to faculty about their research and explore UR_STEM opportunity - Join IEEE, ASME and SME student chapters	Fall Semester	h	Spring Semester	h
	Gen Ed (Self & Society Cultural Pluralism 1 of 1)	3	EGT 245 Digital Electronics	3
	EGT 212 Computer-Aided Drafting and Design	3	MAT 129 Calculus I (Gen Ed Math & Stat)	4
	ENG 101 College Writing ¹ (Gen Ed Written I)	3	PHY 211 General Physics with lab I (Gen Ed Natural Sciences-1 of 1)	4
	MAT 119 Pre-Calculus Mathematics	3	CMST 101 Public Speaking (Gen Ed Oral)	3
	EGT 161 D.C. Circuit Analysis	3		
	Total	15	Total	14
SECOND YEAR - See academic advisor to make sure the academic plan is complete, and graduation will be on time - Start looking for COOP opportunities by joining plant tours	Fall Semester		Spring Semester	
	STA 205 Introduction to Statistical Methods	3	CHE 130 Eng. Chemistry I and CHE ³ 130L Eng. Chemistry I Laboratory	4
	EGT 267 Programming for Engineering Applications	3	EGT 301 Cooperative Education in Engineering Technology	3
	EGT 243 AC Circuit Analysis	3	EGT 310 Project Management and Problem Solving	3
	EGT 291W Writing in Engineering Technology ¹ (Gen Ed Written II)	3	EGT 330 Electrical Machines	3
	PHY 213 General Physics with lab II (Gen Ed Natural Sciences-2 of 2)	3	Electronics subspecialty / elective ² (1 of 5)	3
	Total	15	Total	16
THIRD YEAR - Engage in research or developmental work with faculty - Apply and secure COOP positions through postings on EGT bulletin board or Engineering Technology Canvas course - Take leadership positions in the ASME, IEEE and SME student or senior chapter	Fall Semester		Spring Semester	
	EGT 477 Electrical Power Systems	3	Gen Ed Individual and Society 2 of 2	4
	EGT 386 Electro-mechanical Instrumentation and Control	3	EGT 377 Power Electronics	3
	EGT 367 Microprocessors	3	Electronics subspecialty / elective ² (3 of 5)	3
	Electronics subspecialty/ elective ² (2 of 5)	3	EGT 467 Advanced Microprocessors	3
	EGT 344 Analog Electronics	3	Gen Ed Culture & Creativity (1 of 2)	3
	Total	15	Total	16
Fourth Year - Develop or refine resume - Apply for permanent positions - Consider an online MS in Engineering Management at Temple	Fall Semester		Spring Semester	
	EGT 448 Network Hardware	3	Gen Ed Global Viewpoints (1 of 1)	3
	SOC 100: Introduction to Sociology (Gen Ed Individual and Society 1 of 2)	3	EGT 404 Signals & Systems ³	3
	EGT 402 Control Systems	3	EGT 417 Capstone II	3
	EGT 416 Capstone I	1	Electronics subspecialty / elective ² (5 of 5)	3
	Electronics subspecialty / elective ² (4 of 5)	3	Gen Ed Individual and Society 2 of 2 (2 of 2)	3
	Total	13	Total	15

Notes: This plan is ONE way in which you can complete your degree program in 4 years; it is not the only way. It assumes that you do not have to intensive 4 credit courses such as STA 205R or ENG 101I and that you start with MAT 119.

¹ Qualified students (ENG ACT ≥ 26) should take ENG 104 instead of 101 and 102.

² EEET majors must select five EGT elective courses from EGT261, 280, EGT300, EGT318, EGT320, EGT321, EGT340, EGT361, EGT405, EGT408, EGT412, EGT423 and EGT 450).

³ CHE 130 & CHE 130 L has a pre-requisite of high school chemistry and a minimum score of 22 on the ACT math section or equivalent; OR a B- or better in CHE 102. It is not possible in four years to fulfill all EEET degree requirements without taking more than 16 credit hours in some terms, due to accreditation requirements.