



Department of Engineering, Technology, Safety & Construction

Electrical Engineering Technology, Bachelor of Science Four-Year Academic Road Map

Sample only—your academic advisor will help you create a plan that is right for you.

YEAR 1	Fall Quarter				Winter Quarter				Spring Quarter			
	UNIV 101	Transition to CWU	1	CS 112	Intro to Data Sci in Python	4	EET 221+Lab	Basic Electricity	4			
	MATH 153*	Pre-Calculus I	5	MATH 154*	Pre-Calculus II	5	MATH 172*	Calculus I	5			
	Academic Writing I			5	K2, K3, K5, K6, K7, or K8**		4-5	ENG 111	Writing in the Sciences	5		
	K2, K3, K5, K6, K7, or K8**			4-5	Quarter Credits				13-14	Quarter Credits	14	

YEAR 2	Fall Quarter				Winter Quarter				Spring Quarter			
	MATH 173*	Calculus II	5	EET 271	Digital Circuits	4	COM 302	Intercultural Communication	4			
	ETSC 242	Instrumentation	4	EET 312+Lab	Basic Electronics	4	EET 323	Active Linear Circuits	4			
	PHYS 111*	Intro Physics I with Lab	5	PHYS 112	Intro to Physics II with Lab	5	PHYS 113	Intro to Physics III with Lab	5			
				General Coursework***		3-4	EET 372	Advanced Digital Circuits	4			

YEAR 3	Fall Quarter				Winter Quarter				Spring Quarter			
	BUS 221, MATH 211, 260, 265, or 272			5	EET 374	Microprocessors	4	EET 376	Advanced Microprocessors	4		
	EET 325	Electrical Networks	4	ETSC 343	Program Logic I	4	ETSC 443	Program Logic II	4			
	EET 373	Intro to Embedded Prog	4	EET 377	Advanced Robotics	4	EET 477	Industrial Robotics	4			
	ETSC 301	Engin Proj Cost Analysis	4	K2, K3, K5, K6, K7, or K8**		4-5	K2, K3, K5, K6, K7, or K8**		4-5			

YEAR 4	Fall Quarter				Winter Quarter				Spring Quarter			
	EET 487+Lab	Senior Project Mgmt	4	EET 426	Advanced Electrical Network	4	EET 427	Process Control	4			
	CS 110	Programming Fundamentals I	4	EET 488+Lab	Senior Project Quality	4	EET 489	Senior Technical Present	2			
	K2, K3, K5, K6, K7, or K8**			4-5	CS 111	Programming Fundamentals II	4	K2, K3, K5, K6, K7, or K8**		4-5		
				General Coursework***		4	General Coursework***		4-5			

*Assumes appropriate Math placement. If your placement suggests a different starting point your advisor will design a plan that fits your needs and helps you build a strong foundation for success.

**Any course from any of these General Education Requirements is fine. Speak to your advisor for some suggestions.

***Coursework of your choosing-this could be completing a minor, prerequisites for graduate school, or courses that you're interested in taking for some other reason. Necessary to reach 180 credits needed.

[Department Webpage](#)

[CWU DEGREE REQUIREMENTS](#)

[CWU Course Catalog](#)