

COLLEGE OF TECHNOLOGY

Bachelor of Science, Electrical Power Engineering Technology

Four-Year Academic Map 2016-2017

YEAR 1	Semester 1 Fall			Semester 2 Spring			Total
	ENGL 1303	First Year Writing I	3	ENGL 1304	First Year Writing II	3	
	MECT 1364	Materials & Processes I	3	ELET 1400	Circuit Theory I & Lab	4	
	MATH 1330	Pre-calculus	3	MATH 1431	Calculus I	4	
	POLS 1336	US & TX Constitutions & Politics	3	PHYS 1301/1101	Intro to General Physics & Lab	4	
	CORE	Social/Behavioral Science	3				
	Semester Hours			15	Semester Hours		15

YEAR 2	Semester 1 Fall			Semester 2 Spring			Total
	HIST 1377	The United States 1877	3	HIST 1378	The United States since 1877	3	
	MATH 1432	Calculus II	4	ELET 2300	Introduction to C++ Programming	3	
	ELET 1401	Circuit Theory II & Lab	4	ELET 2305/2105	Semiconductor Dev & Circuits /Lab	4	
	PHYS 1302/1102	Intro to General Physics II & Lab	4	ELET 2303/2103	Digital Systems & Lab	4	
	Semester Hours			15	Semester Hours		14

YEAR 3	Semester 1 Fall			Semester 2 Spring			Total
	TELS 3340	Org Leadership & Super	3	TELS 3363	Technical Communication	3	
	MECT 3341	Computer Aided Drafting	3	TMTH 3360	Applied Technical Statistics	3	
	ELET 2301/2101	Poly-Phase Cir& Transformers/Lab	4	ELET 3312/3112	PLC's & Motor Control/Lab	4	
	ELET 3301	Linear Systems Analysis	3	ELET 3405	Microprocessor Architecture	4	
	ELET 3307/3107	Electrical Machines & Lab	4	ELET Elective	ELET 4304, 4311, 4310	3	
Semester Hours			17	Semester Hours		17	34

YEAR 4	Semester 1 Fall			Semester 2 Spring			Total
	CORE	Creative Arts	3	CORE	Language, Philosophy & Culture	3	
	POLS 1337	US Government	3	ELET 4303	Power Distribution & Transportation	3	
	ELET 4326/4126	Power Converter Circuits & Lab	4	ELET 4305	Electrical Power Systems Design & Project Management Principles	3	
	ELET 4317	Elect. Systems Safety & Protect	3	ELET 4319	Elect. Power Sys & Industry Prac	3	
	ELET Elective	ELET 4304, 4311, 4310	3	Free Elective		3	
	Semester Hours			16	Semester Hours		15
							124

Students should meet with their academic advisor to formulate their own plan.