



College of Technology

Bachelor of Science in Computer Engineering Technology

Four-Year Academic Map 2014-2015

Year 1	Semester 1			Semester 2			Total
	ENGL 1303	First Year Writing I	3	ENGL 1304	First Year Writing II	3	
	CHEM 1301	Foundations of Chemistry	3	ELET 1400	Circuit Theory I & Lab	4	
	MATH 1330	Elementary Functions	3	MATH 1431	Calculus I	4	
	POLS 1336	US & Texas Constitutions & Politics	3	PHYS 1301/1101	Intro to General Physics & Lab	4	
	Social/Behavioral Science	Core Course	3				
	Semester Hours		15	Semester Hours		15	30

Year 2	Semester 1			Semester 2			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 Devices & Circuits /Lab	4	
	PHYS 1302/1102	Intro to General Physics II & Lab	4	ELET 2303/2103	Digital Systems & Lab	4	
				Language, Philosophy & Culture	Core Course	3	
	Semester Hours		15	Semester Hours		17	32

Year 3	Semester 1			Semester 2			Total
	TELS 3340	Organizational Leadership & Super	3	TELS 3363	Technical Communication	3	
	TECH 3366	Applied Numerical Methods	3	MECT 3341	Computer Aided Drafting	3	
	ELET 3405	Microprocessor Architecture	4	ELET 3425	Embedded Systems	4	
	ELET 3301	Linear Systems Analysis	3	ELET 3402	Communication Circuits	4	
	ELET 3403	Sensor applications	4	Free Elective		3	
	Semester Hours		17	Semester Hours		17	34

Year 4	Semester 1			Semester 2			Total
	Creative Arts	Core Course	3	POLS 1337	US Government	3	
	ELET 4421	Computer Networks	4	MECT 4188	Ethics in Engineering	1	
	ELET 4308	Senior Project	3	ELET 4208	Senior Project	2	
	ELET Elective	ELET 4300, 4302, 4309, 4315, 4325, 4327, 4332	3	ELET Elective	ELET 4300, 4302, 4309, 4315, 4325, 4327, 4332	3	
	ELET Elective	ELET 4300, 4302, 4309, 4315, 4325, 4327, 4332	3	ELET Elective	ELET 4300, 4302, 4309, 4315, 4325, 4327, 4332	3	
	Semester Hours		16	Semester Hours		12	28
Students should meet with their academic advisor to formulate their own plan.						124	

