

**CURRICULUM SUMMARY FOR THE BACHELOR OF SCIENCE IN
ELECTRONICS ENGINEERING TECHNOLOGY**

TOTAL CREDITS REQUIRED:125

CORE CURRICULUM (STANDARD)*		MAJOR (ELECTRONICS ENGINEERING TECHNOLOGY)	OTHER REQUIREMENTS	MINOR REQUIREMENTS
TSU COURSES	TCCNS EQUIVALENT			
42 credits		51 credits	32 credits	0 credits
<u>Communication:</u>		ELET 111 (1)	CHEM 111 (1)	
ENG 131 (3)**	ENGL 1301	ELET 113 (1)	ENGT 331 (3)	
ENG 132 (3)	ENGL 1302	ELET 114 (1)	ENGT 333 (1)	
<u>Mathematics:</u>		ELET 131 (3)	DRFT 233 (3)	
MATH 133 (3)	MATH 1314	ELET 133 (3)	ITEC 331 (3)	
<u>Life and physical sciences:</u>		ELET 134 (3)	MATH 134 (3)	
CHEM 131 (3)	CHEM 1311	ELET 212 (1)	MATH 241 (4)	
PHYS 237 (3)	PHYS 130 1	ELET 215 (1)	MATH 242 (4)	
<u>Language, philosophy, and culture:</u>		ELET 232 (3)	MATH 345 (3)	
ENG 2xx (3) ***		ELET 235 (3)	PHYS 213 (1)	
<u>Creative arts:</u>		ELET 311 (1)	PHYS 214 (1)	
MUSI 239 (3)	HUMA 1315	ELET 312 (1)	PHYS 238 (3)	
<u>American history:</u>		ELET 313 (1)	ENGT 111 (1)	
HIST 231 (3)	HIST 1301	ELET 331 (3)	FS 102 (1)	
HIST 232 (3)	HIST 1302	ELET 332 (3)		
<u>Government/political science:</u>		ELET 333 (3)		
POLS 235 (3)	GOVT 2305	ELET 410 (1)		
POLS 236 (3)	GOVT 2306	ELET 411 (1)		
<u>Social and behavioral sciences:</u>		ELET 413 (1)		
SOC 157 (3)	SOCI 1301	ELET 422 (3)		
<u>Institutional Options:</u>		ELET 430 (3)		
SC 135 or 136 (3)	SPCH 1321 or SPCH 1315	ELET 431 (3)		
CS 116 (3)	COSC 1'301	ELET 434 (3)		
		ELET 440 (4)		
		ELET 441 (0)		

*Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

** (N) represents the number of course credits.

*** ENG 230, ENG 231, ENG 235, or ENG 244 (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, or ENGL 2326)

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First Year	FIRST SEMESTER		SECOND SEMESTER	
	ELET 111 DC Circuit Lab	1	ELET 113 AC Circuits Lab	1
	ELET 131 DC Circuits	3	ELET 133 AC Circuits	3
	MATH 133 College Algebra	3	MATH 134 Plane Trig. or Math 136 Pre Cal.	3
	ENG 131 Freshman English I	3	ENG 132 Freshman English II	3
	CS 116* Intro to Computer and their Appl.	3	CHEM 111 General Chemistry Lab	1
	ENGT 111 Intro to Project Management	1	CHEM 131 General Chemistry	3
	FS 102 Freshman Seminar	1	SC 135 Business & Prof. Comm.	3
		15 Hrs		17 Hrs

Second Year	THIRD SEMESTER		FOURTH SEMESTER	
	ELET 114 Electronics I Lab	1	ELET 212 Electronics II Lab	1
	ELET 134 Electronics I	3	ELET 232 Electronics II	3
	MATH 241 Calculus & Geometry I	4	MATH 242 Calculus & Anal. Geometry	4
	PHYS 237 College Physics	3	PHYS 213 College Physics II Lab	1
	PHYS 214 College Physics I Lab	1	PHYS 238 College Physics II	3
	ENG 2xx Upper level English	3	ELET 215 Digital Systems Lab	1
			ELET 235 Digital Systems	3
	15 Hrs		16 Hrs	

Third Year	FIFTH SEMESTER		SIXTH SEMESTER	
	ELET 313 Microprocessor Architecture Lab	1	ELET 311 Communicating Systems Lab	1
	ELET 333 Microprocessor Architecture	3	ELET 331 Communicating Systems	3
	MATH 345 Applied Math & Stat. for Tech.	3	ITEC 331 Technical Writing	3
	ENGT 331 Engineering Economy	3	ELET 422 Advanced Stru. Prog. With C++	3
	DRFT 233 Intro to Computer Aided Design	3	MUSI 239 Fine Arts in Daily Living	3
	POLS 235 America Pol System I	3	POLS 236 America Pol System II	3
			ENGT 333 Ethics in Prof. Engr. Practice	1
	16 Hrs		17 Hrs	

Fourth Year	SEVENTH SEMESTER		EIGHTH SEMESTER	
	ELET 312 Control Systems Lab	1	ELET 410 Computer Control Systems Lab	1
	ELET 332 Control Systems	3	ELET 430 Computer Control Systems	3
	ELET 411 Micro Computer Networks Lab.	1	ELET 413 Microprocessor Interfacing Lab	1
	ELET 434 Micro Computer Networks	3	ELET 431 Microprocessor Interfacing	3
	SOC 157 Intro to Sociology	3	ELET 440 Senior Electronics Project	4
	HIST 231 Soc. Pol. His. of U.S. to 1877	3	HIST 232 Soc. Pol. His. of U.S. since 1877	3
			ELET 441 Electronics SR. Comp	0
	14 Hrs		15 Hrs	