

This worksheet is a guideline for this major. Please meet with a counselor to review your educational plan, transfer goals, and graduation requirements.

**Recommended Courses**

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT/SUBSTITUTE
			4	MATH 012	Pre-Algebra	
			3	ENGL 095	Integrated Reading, Writing, & Critical Thinking	

**Major Requirements (Recommended Sequencing)**

REQUIRED COURSES: FIRST SEMESTER						
			4	ETEC 010	Direct Current Circuits	
			4	ETEC 012	Alternating Current Circuits	
			3	ETEC 009	ETEC Mathematics	
REQUIRED COURSES: SECOND SEMESTER						
			3	ETEC 020	Electric Motor Control	
			2	ETEC 022	Semiconductor Devices	
			2	ETEC 024	Digital Devices	
			4	PHYS 015	Introduction to Physics	
REQUIRED COURSES: THIRD SEMESTER						
			4	ETEC 030	Programmable Logic Controllers	
			3	ETEC 032	Instrumentation Process Measurement	
			1	ETEC 034	Instrumentation Calibration	
REQUIRED COURSES: FOURTH SEMESTER						
			3	ETEC 040	National Electrical Code	
			1	ETEC 042	Wiring Methods and Code Application	
			3	ETEC 044	Power Distribution & Transformers	
			3	ETEC 046	DC & AC Motors & Generators	

40 Units in the Major

**General Education Requirements and Course Recommendations**

Need	In Progress	Complete	UNITS	AREA	REQUIRED	RECOMMENDED COURSE	EQUIVALENT/ALTERNATE
			3	A	1	ASTRO 010, BIOSC 005, 007, 008, 010, ENGIN 010, PHYS 015, PHYSC 005	
			3	B	1	ADJUS 110, 160, ANTHR 001, 004, 005, 006, 007, CHDEV 010, 020, ECON 005, 010, 011, EDUC 040, ENGL 110, 136, HIST 029, 030, 031, 033, 034, 035, 038, 039, 040, 055, 061, POLSC 010, 040, 043, 050, 060, 133, PSYCH 010, 011, SOCIO 015, 016, SOCS 045, 110, SPCH 120	
			3	C	1	ART 005, 006, 007, 008, 009, 016, 017, 018, 035, DRAMA 015, 016, 025, 070, 072, ENGL 124, 127, 128, 129, 133, 150, 205, 210, 211, 230, 231, HUMAN 019, 020, 021, 022, 024, 030, 035, 050, JOURN 100, 110, MUSIC 010, 012, 015, PHIL 100, 120, 122, 130, 132, 133, 140, 150, 151, POLSC 133, SPCH 110, 130	
			3	D i.	1	ENGL 100	
			3 - 7	D ii	1	MATH 110, 140, 155, 026, 029, 030 or higher, ETEC 009, PTEC 009	
			3	E	1	ADJUS 160, CHDEV 050, DRAMA 015, 030, 072, ENGL 110, 127, 128, 129, 133, 135, 136, 210, 211, HIST 046, 047, 052, 055, 056, 057, 060, 061, SOCS 045, 110, 135, 136, 150, SPCH 150	

18-22 Units of General Education

0 units of elective courses needed to meet the 60 degree unit requirement