

Degree: **Associate in Applied Sciences**

Major: **ELECTRONICS ENGINEERING TECHNOLOGY (EET3)**

Credit Requirements: 78 semester credit hours

Electronics Engineering Technology graduates are prepared to seek entry-level employment in such career fields as electrical power generation and distribution, telecommunications, medical equipment technology, and industrial control systems design and development. Also, graduates have the option to transfer to a four-year institution and pursue a Bachelor's Degree in Engineering Technology.

FIRST SEMESTER (FALL)

CPE 107	Computer Applications for Electronics	3
EET 113	Electrical Circuits I - DC	4
EET 145	Digital Circuits	4
ENG 155	Communications I*	3
MAT 175	Algebra & Trigonometry I*	3
	TOTAL	17

SECOND SEMESTER (SPRING)

EET 114	Electrical Circuits II - AC	4
EET 130	Network Devices	3
ENG 160	Technical Communications*	3
EET 210	Digital Integrated Circuits	4
MAT 176	Algebra & Trigonometry II*	3
	TOTAL	17

THIRD SEMESTER (SUMMER)

EET 131	Active Devices	4
EET 227	Electrical Machines	3
EET 253	Microprocessors	4
	TOTAL	11

FOURTH SEMESTER (FALL)

EET 147	I.C. Circuits	2
EET 231	Industrial Electronics	4
EET 220	Analog Integrated Circuits	3
PHY 201	Physics I	4
PHI 110	Ethics*	3
	TOTAL	16

FIFTH SEMESTER (SPRING)

EET 218	Electrical Power Systems	4
EET 235	Programmable Controllers	3
EET 243	Data Communications	3
EET 273	Senior Project	1
EET 274	Selected Topics	3
ECO 210	Macroeconomics	3
	TOTAL	17
	TOTAL CREDIT HOURS	78

*The following university transferrable sequences may be substituted: MAT 110/MAT 111 for Math or ENG 101/ENG 102 with SPC 205 for English.