



Electrical Engineering Technologies Course Sequence Chart

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
FUNDAMENTALS	EET111 30 Electrical Theory	EET102 15 Construction Math II	EET123 90 Fixtures and Lighting	EET114 30 National Electrical Code, Intermediate
	EET103 15 Hand and Power Tools Safety	EET104 75 Residential Blueprints & Calculations	EET115 30 Electrical Test Equipment	EET121 90 Conduit Bending and Raceways
	EET112 30 Electrical Safety	EET113 30 National Electrical Code, Basic		
	EET131 30 Residential Wiring	PFS110 7.5 Leadership Principles		
	EET101 15 Construction Math I			
	PFS109 7.5 Leadership Principles			
	TOTAL: 127.5	TOTAL: 127.5	TOTAL: 120	TOTAL: 120
ADVANCED ODD	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
	EET206 30 Residential/Commercial Blueprints and Symbols	EET212 30 National Electrical Code, Advanced	EET251 90 Motor Control	EET209 30 Electrical Calculations II
	EET224 15 Conductors	EET242 30 Commercial Wiring	EET214 30 Jobsite Safety	EET243 60 Commercial Wiring Advanced
	EET211 45 Electrical Services	EET221 60 Commercial/Conduit Bending & Raceways		EET223 30 Conduit Bending, Advanced
EET208 30 Electrical Calculations I	PFS211 7.5 Business Principles			
PFS209 7.5 Business Principles				
	TOTAL: 127.5	TOTAL: 127.5	TOTAL: 120	TOTAL: 120
ADVANCED EVEN	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
	EET361 30 Programmable Logic Controls Basic	EET314 30 International Building Code	EET343 60 Special Purpose/Wired Devices	EET372 30 Intermediate Hydraulics and Pneumatics
	EET313 60 Intro to Hydraulics, Pneumatics, and Robotics	EET315 90 Electrical Applications	EET362 60 PLC Intermediate	EET307 30 Electrical Calculations Math Prep
	EET308 30 Electrical Systems Math PLC	EET310 7.5 Total Quality Principles		EET317 15 Green Technology
PFS309 7.5 Total Quality Principles			EET341 45 Low Voltage Systems	
	TOTAL: 127.5	TOTAL: 127.5	TOTAL: 120	TOTAL: 120

Revision Date: July 2020

Level II and III curriculum is taught in alternating years. Level II curriculum is offered in school years starting with odd numbers in the fall, Level III in school years starting with even numbers. Electrical Applications Courses: Programmable Logic Controllers, AC Motor Controls, Fluid Power or Residential Wiring