

Electrical Systems Technology Diploma (D35130) – 46-47 Credit Hours

2018-2019

Fall – 1 st Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 112	DC/AC Electricity (Fall Even)	3	6	5
ELC 113	Residential Wiring ★ (Fall Even)	2	6	4
ELN 131	Analog Electronics I	3	3	4
Total				15

Fall – 2 nd year				
Course Number	Course Name	Lec	Lab	Credit
ELN 133	Digital Electronics	3	3	4
ENG 111	Writing and Inquiry	3	0	3
Total				7

Spring – 1 st Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 118	National Elec.Code ★	1	2	2
ELC 128	Intro to PLC	2	3	3
ELN 132	Analog Electronics II	3	3	4
	Natural Science Or Math Elective			3-4
Total				10-11

Spring – 2 nd Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 115	Industrial Wiring ★	2	6	4
ELC 117	Motors and Controls	2	6	4
ELC 215	Electrical Maintenance	2	3	3
ELC 220	Photovoltaic Sys Tech	2	3	3
Total				14

★ - Designates classes preparing students to sit for electrical contracting limited license