

Electrical Systems Technology Diploma (D35130) – 42-43 Credit Hours

2022 - 2023

Fall – 1 st Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 118	National Elec.Code ★ (A)	1	2	2
ELC 131	Circuit Analysis I	3	3	4
ELC 131A	Circuit Analysis I LAB	0	3	1
BPR 115	Electrical/Fluid Power Diagram	1	2	2
Total				9

Fall – 2 nd year				
Course Number	Course Name	Lec	Lab	Credit
ENG 111	Writing and Inquiry	3	0	3
ELC 121	Electrical Estimating	1	2	2
ELC 114	Commercial Wiring ★	2	6	4
Total				9

Spring – 1 st Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 134	Transformer Applications	1	2	2
ELN 133	Digital Electronics	3	3	4
	Natural Science Or Math Elective			3-4
ELC 113	Residential Wiring ★ (A)	2	6	4
Total				13-14

Spring – 2 nd Year				
Course Number	Course Name	Lec	Lab	Credit
ELC 115	Industrial Wiring ★ (A)	2	6	4
ELC 117	Motors and Controls (A)	2	6	4
ELC 128	Intro to PLC ★ (A)	2	3	3
Total				11

- ★ - Designates classes preparing students to sit for electrical contracting limited license
 (A) – Students may receive credit for this course by successfully completing the articulated non-credit course, or submitting evidence of an articulated industry certification.
 See: <https://spcc.edu/credit-articulation-at-spcc/>