



Electrical Engineering Technology - Applied Electrical Principles Diploma

Curriculum Code D40180

Course Number	Course Title	Prerequisites/ Corequisites	Class	Lab	Credit
First Semester: Fall					
ELC 113	Residential Wiring		2	6	4
ELC 131	Circuit Analysis I		3	3	4
ELC 131A	Circuit Analysis I Lab		0	3	1
Semester Totals			5	12	9
Second Semester: Spring					
ELN 131	Analog Electronics I		3	3	4
ENG 111	Writing and Inquiry	See Catalog	3	0	3
MAT 121	Algebra/Trigonometry I	See Catalog	2	2	3
Semester Totals			8	5	10
Third Semester: Summer					
ELN 133	Digital Electronics		3	3	4
PCI 162	Instrumentation Controls ¹		2	3	3
Semester Totals			5	6	7
Fourth Semester: Fall					
ELC 114	Commercial Wiring		2	6	4
ELC 135	Electrical Machines		2	2	3
Semester Totals			4	8	7
Fifth Semester: Spring					
ELC 128	Intro to PLC		2	3	3
ELC 136	Electrical Machines II		3	3	4
ELC 231	Electric Power Systems		3	2	4
Semester Totals			8	8	11
Cumulative Totals					44

¹WBL 113 Work-Based Learning Experience I may be substituted.