

**Curriculum Sequence Checklist**  
**Electrical Systems Technology Diploma – D35130**

**Course and Hour Requirements:**

			<u>Prereq/Coreq</u>	<u>Class</u>	<u>Lab</u>	<u>Clin/Exp</u>	<u>Credit</u>
<b>First Semester (Fall)</b>							
EGR	131	Intro to Electronics Tech.	(None)	1	2	0	2
ELC	131	Circuit Analysis I	(None)	3	3	0	4
ELC	131A	Circuit Analysis I Lab	(None)	0	3	0	1
ELC	113	Basic Wiring I	(None)	2	6	0	4
ENG	110	Freshman Composition	(DRE 097)	3	0	0	3
<b>OR</b>							
ENG	111	Writing and Inquiry	(DRE 098)	3	0	0	3
	MAT	121 Algebra/Trigonometry I	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 0050, and DMA 060)	2	2	0	3
<b>OR</b>							
MAT	171	Precalculus Algebra	(DMA 010, DMA 020, DMA 030, DMA 040, DMA 0050, DMA 060, DMA 0070, and DMA 080 or MAT 121)	3	2	0	<u>4</u>
Semester Total							18 or 19
<b>Second Semester (Spring)</b>							
ELC	115	Industrial Wiring	(None)	2	6	0	4
ELC	117	Motors and Controls	(ELC 111 <i>Or</i> ELC 112 <i>Or</i> ELC 131)	2	6	0	4
ELC	213	Instrumentation	(ELC 112 <i>Or</i> ELC 131)	3	2	0	4
ELN	131	Analog Electronics I	(ELC 112 <i>Or</i> ELC 131)	3	3	0	4
ISC	112	Industrial Safety	(None)	2	0	0	<u>2</u>
Semester Total							18
<b>Third Semester (Summer)</b>							
ELN	260	Prog Logic Controllers	(None)	3	3	0	<u>4</u>
Semester Total							4
<b>Total Hours for Graduation</b>							<b>39-40</b>

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