



## Electronics Engineering Technology – Applied Electrical Principles Diploma

Curriculum Code D40200

Grade	Course Number	Course Title	Prerequisites/ Corequisites	Class	Lab	Credit
<b>Year 1</b>		<b>First Semester: Fall</b>				
	ELC 131	Circuit Analysis I		3	3	4
	ELC 131A	Circuit Analysis I Lab		0	3	1
	ELC 192	Selected Topics in Electrical Engr. Tech		2	6	2
		<b>Semester Totals</b>		<b>5</b>	<b>12</b>	<b>7</b>
<b>Year 1</b>		<b>Second Semester: Spring</b>				
	ELC 128	Intro to PLC		2	3	3
	ELC 132	Electrical Drawings		1	3	2
	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
		<b>Semester Totals</b>		<b>11</b>	<b>11</b>	<b>15</b>
<b>Year 1</b>		<b>Third Semester: Summer</b>				
	PCI 162	Instrumentation Controls <sup>1</sup>		2	3	3
		<b>Semester Totals</b>		<b>2</b>	<b>3</b>	<b>3</b>
<b>Year 2</b>		<b>Fourth Semester: Fall</b>				
	ELN 132	Analog Electronics II		3	3	4
	ELN 232	Intro to Microprocessors		3	3	4
		<b>Semester Totals</b>		<b>6</b>	<b>6</b>	<b>8</b>
<b>Year 2</b>		<b>Fifth Semester: Spring</b>				
	EGR 285	Design Project		0	4	2
	ELN 233	Microprocessor Systems		3	3	4
		<b>Semester Totals</b>		<b>3</b>	<b>7</b>	<b>6</b>
		<b>Cumulative Totals</b>				<b>39</b>

<sup>1</sup>WBL 113 Work-Based Learning Experience I may be substituted.