

**ELECTRICAL TECHNOLOGY**  
**INDUSTRIAL ELECTRICIAN DIPLOMA**  
**FOUR SEMESTER PLAN**

<b><u>1<sup>ST</sup> SEMESTER</u></b>		<b><u>CREDIT HRS.</u></b>
ELT 110	Circuits I	5
ELT 114	Circuits II Lab I	5
EET 154	Electrical Construction I	2
EET 155	Electrical Construction I Lab	<u>2</u>
		14
<b><u>2<sup>nd</sup> SEMESTER</u></b>		<b><u>CREDIT HRS.</u></b>
EET 252	Electrical Construction II	2
EET 253	Electrical Construction II Lab	2
ETT 110	Voice & Data Installer (Level I)	(4) Elective
ETT 112	Basic Electrical Theory	(3) Elective
ETT 113	Basic Electrical Theory Lab	(1) Elective
*MAT 116	Technical Mathematics	3
MAT 065	<i>Basic Algebra w/ Measurement</i>	<u>(3)</u>
	(MAT 065 Requirement will be determined by The student's Assessment / Placement Math Score)	15 to 18
	* MAT 126 or higher level math may be substituted for MAT 116	
<b><u>3rd SEMESTER</u></b>		<b><u>CREDIT HRS.</u></b>
CIS 100	Intro to Computers	3
EET 264	Rotating Machinery	2
EET 265	Rotating Machinery Lab	2
EET 270	Electrical Motor Controls I	2
EET 271	Electrical Motor Controls I Lab	2
EET 272	Electrical Motor Controls II	2
EET 273	Electrical Motor Controls II Lab	<u>2</u>
		15
<b><u>4<sup>th</sup> SEMESTER</u></b>		<b><u>CREDIT HRS.</u></b>
EET 276	Programmable Logic Controllers	2
EET 277	Programmable Logic Controllers	2
EET 250	National Electrical Code	4
ENG 101 (Writing I) or See Gen. Ed. Requirements.		3 Gen. Ed.
EET 150	Transformers	(2) Elective
EET 151	Transformers Lab	<u>(1) Elective</u>
		14