

# ELECTRICAL TECHNOLOGY, LEVEL 2 CERTIFICATE

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## Plan of Study

5ELEC-TEC

<b>First Term</b>		<b>Credits</b>
ELPT 1315	Electrical Calculations I	3
ELPT 1325	National Electric Code I	3
ELPT 1321	Introduction to Electrical Safety and Tools	3
ELPT 1429	Residential Wiring	4
CETT 1302	Electricity Principles	3
<b>Credits</b>		<b>16</b>
<b>Second Term</b>		
ELPT 2325	National Electrical Code II	3
CNBT 2310	Commercial/Industrial Blueprint Reading	3
ELPT 1351	Electrical Machines	3
ELPT 1345	Commercial Wiring	3
<b>Credits</b>		<b>12</b>
<b>Third Term</b>		
ELPT 1357 or ELPT 1371	Industrial Wiring or Commercial Lighting, Fixtures, and Controls	3
ELPT 2423 or ELPT 2405	Transformers or Motors & Transformers	4
ELPT 1441	Motor Control	4
ELPT 2343	Electrical System Design	3
ELPT 2364 or ELPT 2319 or ELPT 2337	Practicum-Electrical and Power Transmission Installation/Installer, General or Programmable Logic Controllers I or Electrical Planning and Estimating	3
<b>Credits</b>		<b>17</b>
<b>Total Credits</b>		<b>45</b>

**Capstone Experience:** ELPT 2364 Practicum-Electrical and Power Transmission Installation/Installer, General or ELPT 2337 Electrical Planning and Estimating or ELPT 2319 Programmable Logic Controllers I