

# Diploma — Industrial Electrician Track

## General Education:

### Area 1

Written Communication OR.....	3
Heritage/ Humanities OR.....	(3)
Oral Communications.....	(3)

### Area 2

MAT 116	Technical Mathematics OR.....	3
MAT 126	Technical Algebra & Trigonometry OR.....	(3)
	Higher Level Mathematics Course.....	(3)
	<b>Subtotal</b>	<b>6</b>

## Technical Core

EET 154	Electrical Construction I AND.....	2
EET 155	Electrical Construction I Lab AND.....	2
EET 252	Electrical Construction II AND.....	2
EET 253	Electrical Construction II Lab OR.....	2
EET 254	Electrical Construction AND.....	(3)
EET 255	Electrical Construction Lab.....	(4)
EET 272	Electrical Motor Controls II AND.....	2
EET 273	Electrical Motor Controls II Lab AND.....	2
EET 276	Programmable Logic Controllers AND.....	2
EET 277	Programmable Logic Controllers Lab OR.....	2
EET 278	Electrical Motor Controls II and PLCs AND.....	(3)
EET 279	Electrical Motor Controls II and PLCs Lab.....	(4)
	Technical Electives*.....	9
	<b>Subtotal</b>	<b>23-25</b>
	<b>Total Credits</b>	<b>54-56</b>