

**Construction Electrician  
Program Sequence 2019-20  
82 Credits**



Course No.	Course Title	Credits	Contact Hours/Wk Lecture + Lab
<b><u>FIRST YEAR</u></b>			
<b><u>First Semester</u></b>			
ELEC1002	Electrical Theory I	6	4+4
ELEC1021	Residential Wiring Lab I	5	2+6
ELEC1031	National Electrical Code I	3	2+2
MATH1400	Algebra and Trigonometry	<u>5</u>	<u>5+0</u>
		<b>19</b>	<b>25</b>
<b><u>Second Semester</u></b>			
ELEC1062	Electrical Theory II	6	4+4
ELEC1081	Residential Wiring Lab II	6	2+8
ELEC1091	National Electrical Code II	4	3+2
ELEC1121	Electrical Heating & Air Conditioning	<u>3</u>	<u>1+4</u>
		<b>19</b>	<b>28</b>
<b><u>Mini-Semester (5 Wks)</u></b>			
ELEC1101	Power Limited	2	2+0
ELEC1110	Lighting	2	2+0
ELEC1130	Plan Reading	2	2+0
ELEC1142	Safety Principles/OSHA	<u>2</u>	<u>2+0</u>
		<b>8</b>	<b>8</b>
<b><u>SECOND YEAR</u></b>			
<b><u>First Semester</u></b>			
ELEC2011	Commercial Wiring Lab I	5	2+6
ELEC2021	Motors and Controls I	2	1+4
ELEC2031	National Electrical Code III	3	2+2
ELEC2041	Three-Phase Electrical Theory	5	2+6
ENGL1107	Composition I	<u>4</u>	<u>4+0</u>
		<b>19</b>	<b>29</b>
<b><u>Second Semester</u></b>			
ELEC1108	PLC's for Electricians	3	1+4
ELEC2061	Commercial Wiring Lab II	5	2+6
ELEC2072	Motors and Controls II	3	1+4
ELEC2081	National Electrical Code IV	3	2+2
SPCH1200	Interpersonal Communication	<u>3</u>	<u>3+0</u>
		<b>17</b>	<b>25</b>