



## TRADES PROGRAM: ELECTRICIAN TECHNOLOGY CERTIFICATE - 1 + 0.5

Students will begin the program Senior year and finish in December after graduation.

PTC Orientation with families will occur before students begin the program.

Tuition for WA students while in high school for PTC courses will be \$100/credit (\$50/credit for dual enrollment courses).

Recom.	Senior Year (All classes @ PTC)		WA	PTC
Oct - Dec	ELC101 - Math for Electricians (2D-2H)	WA Math Credit	1	4
Oct - Dec	ELC111 - Electricity 1 (2D-3H)	WA Science Credit	1	5
Oct - Dec	ELC121 - Residential Wiring (2D-4H)	WA Elective Credit	1	5
Oct - Dec	ELC132 - Introduction to the National Electric Code (1D-2H)	WA Elective Credit	1	2
Oct - Dec	GSD005 - Steps to Career Success 1 (1D-2H)	WA Social Studies Credit	1	1
<b>TOTAL in Oct - Jan Quarter</b>			<b>5</b>	<b>17</b>
Jan - Apr	ELC133 - National Electrical Code Applications (1D-4H)	WA Science Credit	1	2
Jan - Apr	ELC141 - Electricity 2 (1D-6H)	WA Science Credit	1	4
Jan - Apr	ELC152 - Commercial Wiring (1D-6H)	WA Elective Credit	1	4
Jan - Apr	ELC191 - Computers & Networking (1D-4H)	WA Math Credit	1	3
<b>TOTAL in Jan - Apr Quarter</b>			<b>4</b>	<b>13</b>
Apr - July	ELC122 - Residential Wiring Applications (2D-3H)	WA Elective Credit	1	4
Apr - July	ELC134 - Blueprint Reading (1D-4H)	WA Elective Credit	1	3
Apr - July	ELC153 - Commercial Wiring Applications (1D-6H)	WA Science Credit	1	4
Apr - July	ELC162 - Motor Controls (1D-6H)	WA Elective Credit	1	4
Apr - July	GSD180 - Career Development (1D-2H)	WA English Credit	1	2
<b>TOTAL in Apr - July Quarter</b>			<b>5</b>	<b>17</b>
<b>TOTAL in High School</b>			<b>14</b>	<b>47</b>
Recom. Timeframe	First year after graduation		Credits	
July - Sept	ELC211 - Programmable Controllers (1D-6H)		4	
July - Sept	ELC221 - Troubleshooting Electrical Systems (1D-6H)		3	
July - Sept	ELC231 - Project Management & Estimating (1D-4H)		4	
July - Sept	ELC241 - Transformers and Distribution Systems (1D-6H)		4	
<b>Credits</b>			<b>15</b>	
Oct - Dec	GSI199 - Internship		12	
<b>Credits</b>			<b>12</b>	
<b>Total for first year after graduation</b>			<b>27</b>	

\*Courses/curriculum are subject to change at the college's discretion.

Updated January 2024