



## TRADES PROGRAM: INDUSTRIAL ELECTRICITY ASSOCIATE SPECIALIZED TECHNOLOGY

It is recommended that students interested in this career field prior to senior year attend Parkway West CTC for Electrician Technology.

While in high school, tuition for WA students will be \$125 per credit.

| Freshman/Sophomore/Junior Year                        |   | WA Credits | RTC Credits |
|---|---|------------|-------------|
| R-101 Applied Math                                    | WA-Algebra 2 (Math credit)  | 1          | 2.5         |
| R-103 Physics & Electrical Science                    | WA-Physics or Conceptual Physics (Science credit)                 | 1          | 2.5         |
| R-104 Computer Concepts                               | WA-Technology Skills  | 1          | 2.5         |
| R-206 Small Business Management                       | WA-RMU Mangement<br>(students do not need to take for RMU credit) | 1          | 5.5         |
| <b>TOTAL in Freshman/Sophomore/Junior Year</b>        |   | <b>4</b>   | <b>13</b>   |
| Senior Year (All classes @ RTC)(Mon-Thur 7:30 - 3:00) |   | WA Credits | RTC Credits |
| ED-100 Electrical Fundamentals & Circuitry            | WA Science Elective   | 1          | 5           |
| ED-113 Safety & Intro to NEC                          | WA Elective   | 1          | 4.5         |
| IM-101 Mechanical Drives                              | WA Elective   | 1          | 4.5         |
| IM-109 Hydraulics & Pneumatics                        | WA Elective   | 1          | 5           |
| ED-107 Intro to Electronics                           | WA Elective   | 1          | 5           |
| R-108 Problem Solving & Critical Thinking             | WA Math Elective  | 1          | 2.5         |
| IM-201 Industrial Maintenance                         | WA Elective   | 1          | 4.5         |
| ED-111 Commercial Wiring                              | WA Elective   | 1          | 5           |
| ED-112 Conduit & Raceways                             | WA Elective   | 1          | 4.5         |
| R-208 Get Employed / Stay Employed                    | WA ELA Elective   | 1          | 5           |
| <b>TOTAL in Senior Year</b>                           |   | <b>10</b>  | <b>45.5</b> |
|   |   |            |             |
| First year after graduation                           |   | Credits    |             |
| ED-209 Motors & Controllers                           |   | 5          |             |
| ED-210 Power Sources                                  |   | 4          |             |
| IM-205 Robotics                                       |   | 4.5        |             |
| ED-208 Programmable Logic Controllers                 |   | 5          |             |

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

Updated August 2024