## Electrician Low Voltage Fire/Security AAT

Program Start: Summer, Fall, Winter, and Spring Length: 5 Quarters Prerequisites: Yes Total College Credits: 126 Successful completion of the Electrician Low Voltage Fire/Security certificate, or by instructor’s permission.

A mandatory orientation is required before admission to the program. See Running Start CPTC Counselor for additional planning.

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| High School | College |
| Core Science Credit | AC/DC Electricity: Basic Theory, Fractions & Ohm's Law – EFS 105 (7 credits) AC/DC Electricity: Series Parallel & Combination Circuits – EFS 106 (7 credits)  AC/DC Electricity: Electrical Power & Power Applications – EFS 107 (7 credits) |
| Core Math Credit | Any 100-Level Math Class (5 credits)  AC/DC Electricity: Basic Theory, Fractions & Ohm's Law – EFS 105 (7 credits)  AC/DC Electricity: Electrical Power & Power Applications – EFS 107 (7 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)  Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits) Introduction to Sociology – SOC& 101DIV (5 credits) Psychology of the Workplace – PSY 112DIV (5 credits)  Washington Administrative Codes – EFS 124 (2 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits) Computer Literacy Requirement (3 credits)  National Electrical Code Print Reading – EFS 108 (7 credits) National Alarm Installer Training Program – EFS 109 (7 credits) CCTV Application & Design – EFS 110 (7 credits)  National Electrical Codes – EFS 118 (6 credits) National Fire Codes – EFs 119 (6 credits)  CCTV Field Service & Installation – EFS 121 (7 credits) Addressable Fire SLC Systems/Design – EFS 207 (7 credits) Biometrics Access – EFS 211 (7 credits)  Advanced Voice Evacuation Fire Alarm Systems – EFS 216 (7 credits) Fire Codes, NICET, NFPA – EFS 221 (7 credits)  High Security Structured Cabling – EFS 226 (7 credits) CCTV Digital Network Solutions – EFS 231CAP (7 credits) |