

PA Bureau of Career and Technical Education Program Of Study

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[Search Criteria](#) [Search Criteria](#)

If the following Program of Study is taken

Electrical And Power Transmission Installers, Other 46.0399

High School Graduation Year: 2024

An instructional program that prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically-energized residential, commercial and industrial systems, and DC and AC motors, controls and electrical distribution panels. Instruction emphasizes practical application of circuit diagrams and use of electrical codes and includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Reading and interpretation of commercial and residential construction wiring codes and specifications, installation and maintenance of wiring, service and distribution networks within large construction complexes are also critical components of the program.

POS Paperwork: [POS student documentation coversheet.pdf](#)

You may receive credit for

Johnson College

[BTT 151 - Fundamental of Electricity](#)

2.00

[BTT 105 - Introduction to Electricity for the Trades](#)

1.00

BTT XXX - Building Trades Elective

3.00

[BTT 106 - Introduction to Electricity for the Trades Lab](#)

2.00

[BTT 152 - Fundamental of Electricity Lab](#)

1.00

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Total Credits Awarded: 9.00

Notes: Ten (9) credits align to Johnson College's CIP 46.0399 - Electrical Construction and Maintenance Technology, AAS degree program.

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Rosedale Technical College

[ED 206 - AC/DC Power](#)

3.00

[ED 207 - Estimating](#)

3.00

[ED 203 - Motor Repair](#)

3.00

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Total Credits Awarded: 9.00

Notes: Nine (9) credits are aligned to the following Rosedale Technical College POS: CIP 46.0399 Electrical Technology. Associate in Applied Specialized Technology (A.S.T.) Degree.

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Rosedale Technical College

[ED 113 - Safety & Intro to NEC](#)

4.50

[ED 100 - Electrical Fundamentals & Circuitry](#)

5.00

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Total Credits Awarded: 9.50

Notes: Aligns with CIP 47.0105, Construction Electricity, Associate in Specialized Technology

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