

Power Line Technician: Citation

All intakes for this program have been postponed.

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| Faculty of Trades and Technology | kpu.ca/trades |
| Implementation Date | 01-Sep-2011 |
| Start Date(s) | Varies |
| Admission Type | Fixed term |
| Enrolment Type | Limited enrolment |
| Program Type | Vocational |
| Credential Granted | Citation |
| Offered At | Cloverdale |
| Format | Full-time |
| How to Apply | www.kpu.ca/admission |

DESCRIPTION

The Power Line Technician program is delivered through a partnership between Kwantlen Polytechnic University and the Electrical Industry Training Institute (EITI). This twelve week (12) program will prepare students for entry into the physically demanding and rewarding power distribution industry where technicians are well compensated for their above average skills and competencies. Power Line Technicians participate in the building of overhead and underground power distribution lines as well as service and maintenance tasks.

STUDENT PROFILE

People who enjoy working in the elements and not being confined to a set location will find this trade appealing. Students should be aware that the Powerline Technician trade is a very physically demanding career that includes controlled-risk tasks including pole climbing and working with high voltage power lines.

Note: Students with mental or physical impairments, who may require program or practicum accommodations, should contact the program coordinator to discuss required skills and competencies, and a Disability Advisor [604.599.3233] to ensure appropriate accommodations can be arranged.

CAREER OPPORTUNITIES

Graduates of this program can apply for entry-level positions in the powerline technician trade. They will have employment opportunities with a diverse group of employers including B.C. Hydro, and various independent line contractors and municipalities. It is expected that successful employment in the trade will lead to an apprenticeship agreement with employers and attainment of Journeyman Red Seal Certification upon completion of apprenticeship.

PROGRAM ADMISSION REQUIREMENTS

In addition to KPU's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Mathematics 11, Physics 11 and English 12 with a minimum grade of C+ in each.
- Interview by EITI instructor to evaluate readiness to meet the demands of the program; EITI will forward their recommendation directly to KPU
- Successfully pass the prescribed entrance examinations
- Grade 12 equivalency is required by the industry. Costs of upgrading, if required are NOT included in tuition and must be arranged prior to graduation.

PROGRAM REQUIREMENTS

Students are required to attain Motor Vehicle Air Brake Certification and obtain a class 3 driver's license independent of this program prior to graduation. Students are required to complete grade 12 Math and Physics upgrade independent of this program prior to graduation.

Delivered by Kwantlen Polytechnic University

Required courses:

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| PTEC 1101 | Electrical Safe Work Practices and Regulations (personal safety section only) | |
| PTEC 1103 | Introductory Computer Skills | 1.5 credits |
| PTEC 1105 | Communications and Team Building | 1.5 credits |

Delivered by the Electrical Industry Training Institute at their training center

Required courses:

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| PTEC 1101 | Electrical Safe Work Practices and Regulations | 3 credits |
| PTEC 1106 | Applied Electrical Theory | 1.5 credits |
| PTEC 1107 | Electrical Tools and Instruments | 1.5 credits |
| PTEC 1108 | Electric Utility Equipment | 1.5 credits |
| PTEC 1109 | Basic Rigging and Lifting | 1.5 credits |
| PTEC 1110 | Electrical Utility Climbing | 3 credits |
| PTEC 1111 | Electrical Overhead and Underground Distribution | 2.5 credits |
| PTEC 1113 | Physical Fitness | 1 credit |

OTHER INFORMATION

Students are responsible for appropriate clothing and footwear as well as textbooks and learning materials.

CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Citation in Power Line Technician**.