

Power Line Technician: Citation

All intakes for this program have been postponed.

Faculty of Trades and Technology	kpu.ca/trades
Program Type	Vocational
Credential Granted	Citation
Offered At	Cloverdale
Start Date(s)	Varies
Intake Type	Limited intake
Format	Full-time
Instructional Cycle	Fixed-term
Curriculum Effective Date	01-Sep-2011
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 Journeyperson Red Seal Certification upon completion of apprenticeship.

ADMISSION REQUIREMENTS

The following 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.

CURRICULAR 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:

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:

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**.