

Electrical

Program Guide



Electrical

Territory Acknowledgement

The Langley School District serves the Matsqui, Kwantlen, Katzie and Semiahmoo First Nations, The City of Langley, and the Township of Langley. The District is honoured to operate on the unceded, ancestral, and traditional territories of the Mátłxwi, ḡʷa:ńłəń, ḡíćəý, and SEMYOME First Nations.

The British Columbia Institute of Technology acknowledges that our main campus is located on the unceded traditional territories of the Coast Salish Nations of xwməθkwəyəm (Musqueam), Skwxwú7mesh (Squamish), and səilwətaʔt (Tsleil-Waututh).

Welcome

We are glad you're interested in learning more about this program! This guide will give you all the information you need to understand our SkilledTradesBC Youth Train in Trades Electrical Program.

It is quite a commitment, and we want you to have as much information as possible to ensure this program will work for you. This program will lay the foundation for you to pursue an exciting and successful career as a Red Seal Certified Electrician.



Why this Program?

About the Program

The Langley School District (SD35) offers the SkilledTradesBC Youth Train in Trades Electrical program at D.W. Poppy Secondary School (DWP). This full-time program, in partnership with British Columbia Institute of Technology (BCIT), offers SD35 students the opportunity to participate in SkilledTradesBC recognized Foundation Technical Training (includes Level 1). Students earn high school course credits, as well as post-secondary credits, while learning the required skills and knowledge to become an apprentice upon program completion.

Develop Professional Industry Skills

- Plan, design, assemble, install, test and repair power equipment and systems
- Troubleshoot and maintain complex electrical systems for safe and efficient operation
- Work in residential, commercial and industrial settings using advanced knowledge and practical skills

Timeline

Application Year

Program Year



- 1 January-March:** Learn more at the info session and apply
- 2 May:** Interviews for short listed students
- 3 June:** Conditional acceptance
- 4 Summer:** Gain experience in the trade
- 5 September-January:** Take program prerequisites and/or grad requirements
- 6 November:** Final acceptance
- 7 February-mid July:** Program at DWP

Spring Break

Program follows BCIT's calendar. No spring break holiday for program participants.

Program Prerequisites

Youth Train in Trades programs are only offered to registered SD35 students. At the time of application students must:

- Be registered and currently attending a school in the Langley School District
- Be 18 or younger on June 30 of application year
- Have not graduated from high school before starting the program
- Have intention to graduate

Prerequisites

Have completed before the start of the program:

- Grade 11
- English 12
- Physics 11
- Math 11 AND 12 - Foundations or Pre-Calculus (Pre-Calculus recommended)

Recommended:

- Experience in electrical
- Physics 12

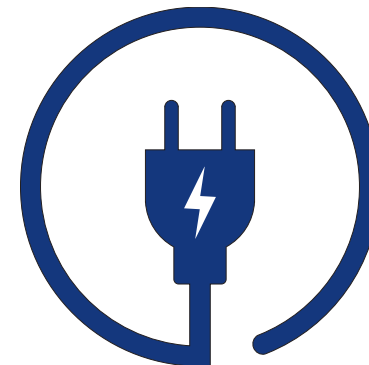
Tuition, Program fees and Credentials Earned

Tuition and Program Fees

- Tuition is paid by the Langley School District. Value of approximately \$3200
- Student pays approximately \$1000 for textbooks, supplies and personal safety workwear
- All tools used during the program are provided by BCIT
- Partial bursary available for students requiring financial assistance
- Future additional cost if student continues in industry would be approximately \$700 for tools

Credits and Credentials Earned

- SkilledTradesBC Electrical Foundation (includes Level 1) Technical Training
- Credit for six high school courses (24 credits)





SD35CareerEd

Potential Career Paths

- Apprentice Electrician
- Pole Line Technician Apprentice
- Red Seal Electrician
- Security System Installer
- Residential/Construction Electrician
- Wind/Solar Renewable Energy Tech
- Electrical Contractor
- Chief Estimator
- Electrical Inspector

More Info and to Apply

- See your school's Career Advisor
- Visit sd35.bc.ca/careered for more info including FAQ, program promo video and program tour



sd35.bc.ca/careered



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Updated December 2025