

# Electrical

Complete Program Guide



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# Welcome

## Booklet Organization

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## Welcome

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

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



“As soon as you're out of the program, your colleagues at school are still just graduating and you've got your first year done.”

*Electrical Grad*



# 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

# Program Prerequisites

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

- Be registered 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

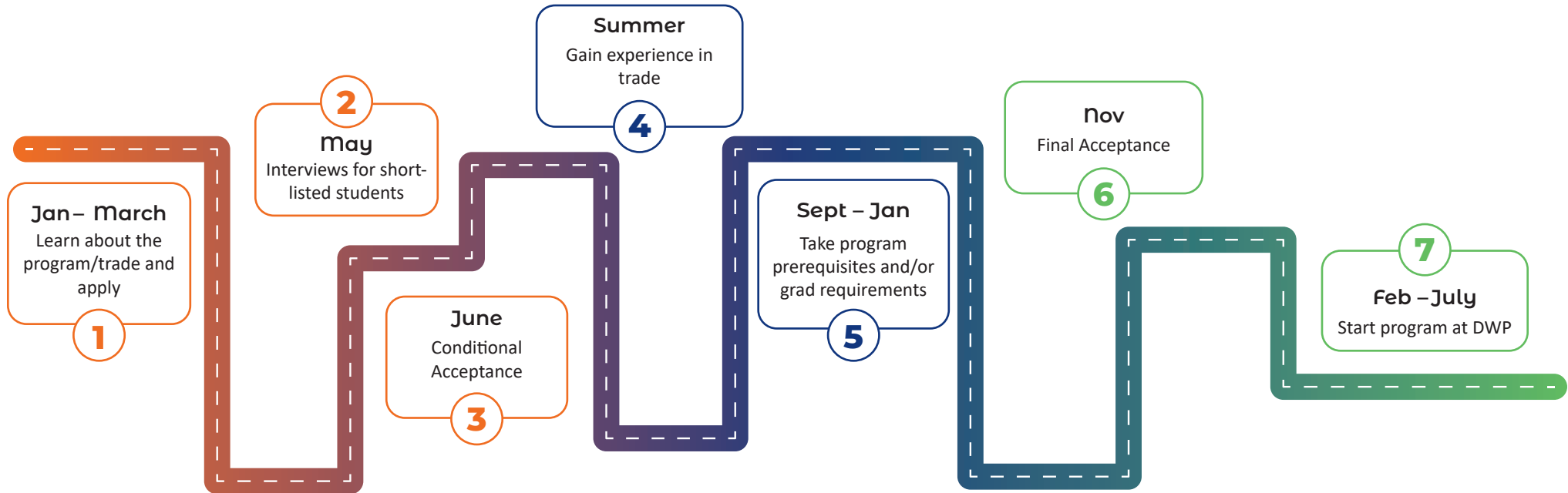
Have completed before the start of the program:

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

Recommended:

- Experience in electrical
- Physics 12

# Roadmap to Youth Train in Trades: Electrical



Application Year

Program Year

## Spring Break

Program continues through spring break.  
No spring break holiday for program participants.



# How to be Successful

## Keys to Success

- Regular attendance and a solid commitment to the program
- Demonstrate maturity and job readiness to work in the industry
- Can do careful and exacting work
- Good manual dexterity/ability to work with hand and power tools
- Able to solve complex math calculations
- Stamina to be able to do electrical construction work
- Comfortable working in teams with adult classmates



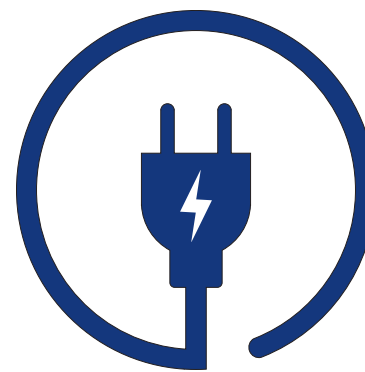
# Tuition, Program Fees and Credentials Earned

## Tuition and Program Fees

- Tuition is paid by the Langley School District. Value of approximately \$3200
- Student pays approximately \$1400 for textbooks, supplies and personal safety workwear
- Partial bursary available for students requiring financial assistance
- Future additional cost if student continues in industry would be approximately \$900 for tools

## Credits and Credentials Earned

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



# SD35 Youth Train in Trades Program Opportunities



Automotive



Carpentry



Electrical



Hairstylist

## What

- Foundation or apprenticeship training in eight different trades programs
- SkilledTradesBC recognized technical trades training

## Why

- Learn skills and gain experience
- Earn high school and post-secondary credits at the same time (dual credit)
- Tuition-free for eligible SD35 students

## Who

- Will be in Grade 11-12
- Intend to graduate
- Interest in the trades
- Committed to learn the skills, knowledge and attitude required to do well in the field

## When

- Most programs begin February
  - Professional Cook begins September
- Programs are full-time for 1 or 2 semesters

## Where

- Location depends on the program, see individual program brochures for more information

## How

- Contact your school's Career Advisor for more information and/or to apply
- Apply now and begin the program next school year



Landscape Horticulture



Piping/Plumbing



Professional Cook 1



Welding





SD35CareerEd

## Electrical Potential Career Progression

### LEVEL 1 CAREERS

- Apprentice Electrician
- Pole Line Technician Apprentice
- Security System Installer
- Telecommunication Apprentice



### LEVEL 2 CAREERS

- Residential/Construction Electrician
- Industrial Electrician
- Wind/Solar Renewable Energy Tech
- Manufacturer's Representative



### LEVEL 3 CAREERS

- Electrical Contractor
- Chief Estimator
- Electrical Engineer
- Electrical Inspector

## More Info and to Apply

- See your school's Career Advisor
- Visit [careered.sd35.bc.ca/youthtrain](https://careered.sd35.bc.ca/youthtrain) for more info including FAQ, program promo video and program tour



[careered.sd35.bc.ca/youthtrain](https://careered.sd35.bc.ca/youthtrain)



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