

## PRE-REQUISITES

- Registered in a Surrey public school and not yet achieved Ministry of Education graduation
- Between 15 and 19 years of age
- Good attendance and punctuality
- Successful completion of Grade 10
- Successful completion of a Math 10 and an English Language Arts 10
- Physics 11 or Chemistry 11

## APPLICATION PROCEDURE

- Have a discussion with your Career Facilitator, counsellor and parent/guardian to ensure the program meets your goals
- Obtain a district partnership application package from your Career Centre
- Arrange for a site visit through your Career Facilitator
- Submit a completed application package with all supporting documents to your Career Facilitator before the specified due date
- If short-listed, attend an interview with the District Career Coordinator
- Visit [www.bcit.ca](http://www.bcit.ca) to learn more about the Electrical Program

## SELECTION PROCESS

- Students who submit completed applications will have a preliminary interview with their school Career Facilitator
- Applications are forwarded to the district office for review
- Only short-listed candidates will be interviewed for a potential seat in the program
- Students must be on-track to meet the acceptance criteria for the post-secondary institute
- Students must be able to meet the physical demands of the program
- Students must meet all criteria, be self-motivated, independent learners and capable of success in the program

The Electrical Program  
is located at:

**Princess Margaret Secondary School**  
12870 – 72 Avenue  
Surrey, BC V3W 2M9

For further information contact:

Your Secondary School Career  
Education Department

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Or

Surrey Schools District Career  
Education Department

# ELECTRICAL PROGRAM

A partnership between

**British Columbia Institute  
of Technology**



And



**Career Education Department**

Are you interested in becoming a Construction Electrician?

## JOB DESCRIPTION

Electricians work in a wide variety of buildings and facilities - on everything from lighting and climate control systems, to communication equipment and thousands of other specific tools and devices. An Electrician's work involves assembling, installing, commissioning, testing, maintaining, servicing and operating electrical systems and equipment. There are three main settings in which electricians typically work. They are as follows:

**Construction** – electricians work either as employees who are part of a contractor's team, on both residential and commercial construction projects, or as independent electrical contractors on such projects.

**Industrial** – electricians are typically employed on staff at large-scale industrial facilities such as pulp mills, hydroelectric dams, and mining and smelting operations.

**Institutional** – most large institutions such as hospitals, school boards, universities and other public facilities have at least one electrician working as part of their maintenance department. Electricians also need a good understanding of the many applications of electricity, and must ensure that building codes and other safety requirements are followed.



## CONNECT TO POST SECONDARY

Through the Electrical Program you have the potential to earn both high school and post-secondary credits.

## COURSE CREDITS

- TRNA 12A
- TRNA 12B
- TRNA 12C
- TRNA 12D
- TRNA 12E

## PROGRAM LENGTH

- February to July (24 weeks)

## COSTS (Paid by the Student)

- CSA work boots (steel toed)
- Scientific calculator
- Safety equipment as required
- Textbooks and workbooks (approx. \$900)
- Tools for summer work (approx. \$500)

## ITA YOUTH WORK IN TRADES PROGRAM

Students may have the opportunity to receive up to 16 additional high school credits for paid apprentice work. Continued paid work and schooling may earn you Red Seal certification.

## YOUTH WORK IN TRADES AWARD

Students may have the opportunity to receive a Youth Work in Trades award of \$1,000.00 by starting an apprenticeship while still in high school.



Services provided through funding arrangements with the Industry Training Authority (ITA), a British Columbia Crown Agency, and the Surrey School District Career Education Department.