



# Electrical Foundation

HARMONIZED



PRINCE GEORGE



FOUNDATION



24 WEEKS



SEPTEMBER - FEBRUARY



IN CLASS

This program prepares you for the electrical apprenticeship program, or for positions such as counter and warehouse personnel in wholesale/distributing outlets. To work in BC, electricians must be either certified in the trade or registered in a four-year apprenticeship program leading to certification.

## You might also be interested in

- Computer/Network Electronics Technician Certificate
- Power Engineering, 4th Class Certificate

For up-to-date information on fees, courses, and programs visit

[cnc.bc.ca](http://cnc.bc.ca)

The logo for the College of New Caledonia (CNC), featuring the letters "CNC" in white on a red square background.

## Program outline

Topics include the following (not a complete list): safety; tools and equipment; cables, fixtures and fittings; Canadian Electrical Code; conductors, switches, and devices; distribution systems; electrical drawings; electrical energy and power concepts; electromagnetism; and motors and motor controls.

This course includes a practicum/practical component such as wiring in a residential or commercial setting. These projects are dependent on the state of the local economy.

## Admission requirements

- English 11, English 045 or Communications 12 or equivalent (with a minimum "C" grade).
- Successful completion of one of the following, or equivalent: Foundations of Math 11, Precalculus 11, or Math 044, or Math 045.
- Successful completion of one of the following, or equivalent: Physics 11, or Physics 045, or Applications of Physics 12.

Students who do not meet the above requirements may wish to consult with a CNC counsellor/advisor to determine their eligibility on the basis of mature student status.

See specific programs for more details on our website. Contact a CNC advisor at 250 561 5818 or [advising@cnc.bc.ca](mailto:advising@cnc.bc.ca) to discuss your educational plan.

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