



# Electric Utility Fundamentals

## Course Overview

**\$645\***

This online course introduces you to the basic concepts required to understand and explain the systems that generate, deliver, and sell electrical power.

This course provides an overview of BC Hydro's business model and covers the following topics:

- A review of math and physics
- Understanding electricity
- Power control and transformation
- A detailed look at utility activities, for example, metering
- Understanding consumer power requirements

### Recommended

Completion of Math 11 or 12 and Physics 11 or 12.

### Additional Information

After your tuition payment has been processed, you will be sent detailed instructions on how to access the course online. Students are allowed 30 weeks to complete the course. There is an option for an 8 week extension for an additional fee.

Approximately one week before the course starts you will receive a confirmation email that provides additional course details.

\*Tuition is subject to applicable student fees and taxes.

## Ready to Register?

[Request for Registration](#)  
[and/or Sponsor an Employee Form](#)

### FOR MORE INFORMATION:

P 250 561 5846

E [continuinged@cnc.bc.ca](mailto:continuinged@cnc.bc.ca)

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

## 70 Hours Online

**1** 2026F CEEL 160 101  
**September 1, 2026 to March 30, 2027**  
Online Asynchronous  
Registration recommended by  
Monday, August 31, 2026.

**2** 2026F CEEL 160 102  
**October 1, 2026 to April 29, 2027**  
Online Asynchronous  
Registration recommended by  
Wednesday, September 30, 2026.

**3** 2026F CEEL 160 103  
**November 1, 2026 to May 30, 2027**  
Online Asynchronous  
Registration recommended by  
Wednesday, October 31, 2026.

**4** 2026F CEEL 160 104  
**December 1, 2026 to June 29, 2027**  
Online Asynchronous  
Registration recommended by  
Monday, November 30, 2026.

Please register before the recommended date as courses under-enrolled as of this date may be canceled. Registrations after this date will be accepted if space is available.

### Did you know?

Almost all BC Hydro employees are required to take this course. If you are planning on working at BC Hydro, and you have other employment prerequisites, this course could be an asset.



College of  
New Caledonia