



AC Fundamentals

Course Overview

This online course introduces you to the basic alternating current (AC) electricity, beginning with an introduction of basic mathematics, inductive and capacitive components found in AC circuits (capacitors, inductors and transformers), and frequency response characteristics. We will examine models of transmission lines and learn about power factor, giving you the skills to become familiar with the tools used to measure AC.

Recommended

Completion of DC Fundamentals or equivalent, Math 11 or 12 and Physics 11 or 12.

Fees

\$635

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.

Ready to Register?

Request for Registration Online Form;
or Request for Registration Fillable Form;
and/or Sponsor an Employee Form

FOR MORE INFORMATION:

P 250 561 5801

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70 hours
Online
continuous enrollment

2021F CEEL 159 001 (Fall)

2022S CEEL 159 001 (Spring)

2022I CEEL 159 001 (Summer)

Did you know?

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

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