

Low-Carbon Building Skills

Advancing collaborative tools and knowledge to strengthen training and technical capacity in low-carbon building skills.

What is Low-carbon?

Low-carbon building involves designing, constructing, operating, maintaining, and removing buildings in ways that conserve natural resources and reduce Greenhouse Gas (GHG) emissions.

A Low-Carbon Economy

To successfully move towards a low-carbon economy, we require tradespeople who are involved in the design, construction maintenance and operation of buildings, who understand the industrial and construction sectors, and are trained in low-carbon building skills.

Learn More!

The modules offered on this site cover content supporting low-carbon building skills. If you are a professor of a College in Ontario, you will be granted access to these modules with verification of your post-secondary email address.

[Modules](#)

If you teach at a private post-secondary institution, please [contact us](#) to inquire about access approval.

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Introduction to Energy Systems


In this module, students become familiar with energy systems and the socio-environmental impact of energy systems. Concepts and technologies to convert energy sources to electricity are discussed. Students also learn about renewable energy sources and the concepts to utilize renewable energy systems.

Introduction to Energy Systems Course Description

- MEET_Introduction to Energy Systems_Module-0_Modelling and Simulation of Energy Systems
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Mechanical and Electrical Engineering Technology Degree Courses

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Mechanical and Electrical Engineering Technology Diploma/Certificate

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- [Energy systems 2](#)
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