Building Energy Modelling in CAN-QUEST 1.0v

LEARN TO SAVE TIME WHEN DEVELOPING ENERGY MODELS FOR PROJECTS SEEKING COMPLIANCE WITH THE NATIONAL ENERGY CODE OF CANADA 2011 (NECB 2011). Beyond compliance, CAN-QUEST, which is based on the popular and widely used eQUEST software, is also a powerful tool that can assess building energy performance. This course is geared towards new and experienced energy modellers looking to gain CAN-QUEST specific training.

Course Highlights

This hands-on, two-day course will walk participants, step by step, through the complete energy model development process. The course will start off with the schematic and design development wizards and then delve into the detailed interface for more advanced modelling. Key features include easy to use Wizards and parametric analysis, making for quicker model development and energy optimization. In addition, energy modelling principals will be discussed throughout (ex. zoning, building envelope thermal performance calculations, etc.) CaGBC also offers all attendees access to a post-workshop online webinar recording providing an in-depth overview of the EAp2/EAc1 Canadian ACP in LEED v4 projects. (see webinar flyer for more information).

Who should take this course?

This workshop is targeted to energy modellers and project team members responsible for energy related design decisions, including mechanical and electrical engineers, and architects.

WHY CaGBC?

CaGBC is a proven training expert in the field of green building, with thousands of individuals having taken CaGBC education. Our courses provide current and relevant information, while our faculty are carefully selected experts with practical industry experience who are able to provide in-depth knowledge and real-life examples.

CONTACT US!          PHONE: 1-866-941-1184   |   EMAIL: education@cagbc.org   |   WEB: www.cagbc.org/education
After completing this course, you’ll be able to:

» Prepare an energy model in CAN-QUEST

» Create zoning diagrams

» Understand DOE reporting and calculations

» Use CAN-QUEST as a compliance tool

As part of your registration for this course you will have access to an on-demand webinar recording that discusses how to:

» Understand the Canadian ACP requirements as they apply to EAp2/c1

» Assess the pros and cons of using the Canadian ACP for EAp2/c1

» Identify the key performance differences between the NECB 2011 and ASHRAE 90.1-2010

» Implement the EAp2/c1 ACP rules into common energy model software programs

Included Materials:

» A copy of the presentation slides.

Workshop Technical Requirements:

» Laptop running a Windows-based 32-bit OS (e.g. Windows XP or Windows 7)

   » Important: A laptop running a Mac OS cannot be used

» CAN-QUEST energy modelling software (instructions provided upon registration)

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