CANADIAN
HOME BUILDERS' ASSOCIATION
BRITISH COLUMBIA

An Energy Advisor is trained to provide builders, renovators and homeowners guidance and direction on ways one can improve and measure the energy efficiency of a home.

There are many labelling programs available for residential construction. A CHBA BC Energy Advisor is licensed to deliver the EnerGuide Rating System for New Homes.

The EnerGuide label is often used in partnership with other labelling programs such as ENERGY STAR®, BUILT GREEN® and the CHBA Net Zero Home Labelling Program.

An Energy Advisor will:

- Provide an evaluation of the home based on plans prior to construction.
- Provide details as to the best materials to maximize air quality and energy efficiency.
- Use tools and perform testing to ensure that the building envelope is performing at its best.
- Offer suggestions to improve the energy usage of the home with or without mechanical systems.
- Bring third-party verification and inspection to the project using the EnerGuide Rating System.
- Provide further details of labelling programs that may be the best fit for the project.
- Test the home at completion, create a final report and provide documentation for an EnerGuide* label.

Energy Advisor Course Description:

The course covers the responsibilities of an Energy Advisor including data collection, photo requirements and modelling requirements using the software, Hot2000, resulting in an EnerGuide Rating Label. The focus of the training will be on new construction only. Practical exercises completed during training provide all participants with direct exposure to tasks they can expect to complete on the job.

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Energy Advisor Training Pre-requisites:

The following requirements must be completed by all applicants looking to be licensed through CHBA BC as an Energy Advisor:

- Step 1: Complete and pass the pre-assessment evaluation.
- Step 2: Complete the Building Science for New Homes Course (link to calendar)
- Step 3: Complete the following courses through Blue House Energy using the CHBA BC affiliation link: https://bluehouseenergy.com/pages/chba-bc
    - Course One: Foundation Exam Prep
    - Course Two: Energy Advisor Exam Prep
    - Course Three: Introduction to Hot2000 Energy Modelling
    - Certificate of completion provided to CHBA BC Education Registrar
- Step 4 - Pass the Natural Resources Canada Foundation Level Exam.
- Step 5 – Complete the online Energy Advisor Training Program
- Step 6 – Complete file mentorship program and in-person fan testing modules
- Step 7 – Complete and pass the Natural Resources Canada Energy Advisor Exam.

IMPORTANT:

To be licensed through CHBA BC as an Energy Advisor, applicants must maintain their membership with the local CHBA office annually.

Course Format:

- Students are required to attend four (4) half day online training sessions.
- Students will be required to complete weekly assignments including the submission of practical training files.
- The course will conclude with an online practical final exam. A pass mark of 80% is required.

* Attention Mac users: HOT2000 only runs on a Windows platform. It can be run on a Mac provided that a version of Windows has been installed. This can be done by installing Windows using software that will host Windows on your Mac, such as Parallels or VMware.

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Weekly Homework Assignments:

Students will be required to complete practical exercises on a weekly basis, submitting them to the instructor for review. All assignments are graded as a pass/pass/failure.

Webinars

Webinar dates are all scheduled as below:

- March 5 - 9:00am - 12:00pm
- March 12 - 9:00am - 12:00pm
- April 2 - 9:00am - 12:00pm
- April 9 - 9:00am - 12:00pm

Each instructor led webinar is 3 hours long. Attendance is mandatory for successful completion of the course. All webinars are hosted via Zoom.

Instructor office hours

During the duration of the program, the instructor will have office hours set aside on the Thursday of each week following the webinar class.

- March 7 - 9:00am - 11:00am
- March 14 - 9:00am - 11:00am
- April 4 - 9:00am - 11:00am
- April 11 - 9:00am - 11:00am

Students are strongly encouraged to attend these open sessions to ask the instructor any follow-up questions they may have about both the webinar sessions or, the homework that is assigned after each session.

All sessions are hosted via Zoom.

Student Price: **$2,500**