



Residential Heat Loss & Heat Gain Calculations Course



PRESENTER: **John Harris**, P.Eng, RASDT, RHDT

WHEN: **October 27-30, 2020** @ 9:30am-5:30pm ET

WHERE: **Virtual Classroom**

CACEA and HRAI have partnered to offer a unique learning opportunity for Energy Advisors. HRAI instructor and CACEA Member, John Harris will adapt the four-day HRAI course content so that it is relevant to the work of EAs. EAs not only gain valuable professional development but also an opportunity to expand the services they provide.

COURSE DESCRIPTION

With an EA focus, John will discuss the differences and similarities between F280-12 heat loss/gain calculations and provide specific examples by comparing HOT2000 inputs and outputs with values derived using HRAI procedures.

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Based on CSA Standard F280-12, participants get a firsthand introduction of the basic principles of building science and heat loss/gain. Through various in-class exercises, participants will learn how to determine the thermal resistance (R value) of various building assemblies, such as walls and ceilings. Accurately, calculate room by room heat loss and gain while considering the influences of occupancy, exposure, ventilation, air leakage across the building envelope and more.

Successful candidates will receive an HRAI Heat Loss/Heat Gain Calculation Certificate.

COURSE FEES

Member Rate: \$ 950 + taxes (Save 25% with discount code NRCAN25)

Non-Member Rate: \$1,215 + taxes (Save 25% with discount code NRCAN25)

For course details and/or registration assistance, call HRAI at **1-800-267-2231 ext 237**

Please share information about this course with your colleagues!

Want to save on your course fees? [Join now!](#)

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