

COURSE CURRICULUM

DAY 1

MODULE 1 – Introduction and Overview
MODULE 2 – Heat Transfer

Readings from Krigger 5th Ed.

Chapter 1; Append. A-2, A-3, A-21
Chapters 1,2
Append. A-1, A-2, A-3, A-4,
A-5, A-7, A-9, A-10, A-18

BREAK (Varies)

MODULE 3 – Residential Construction

Chapters 2, 5

LUNCH (Varies)

MODULE 4 – Moisture Control
MODULE 5 – Air Sealing
MODULE 6 - Insulation

Chapter 10; Append. A-6, A-20, A-21, A-22
Chapters 3, 10; Append. A-12, A-13, A-14, A-15
Chapter 4; Append. A-5, A-17, A-18

DAY 2

MODULE 7 – Heating / Cooling Systems
MODULE 8 – Water Heaters and Heat Pumps

Chap(6.8); Append. A-4, A-9
Chapters 7, 9; Pages 21-23; Append. A-16, A-18

BREAK (Varies)

MODULE 9 – Diagnostics and Testing

Append. A-1, A-2, BA Tech Std

LUNCH (Varies)

MODULE 10 – How to Audit - Video
MODULE 11 Basic Math and BA Tech Std

Copy of BA Tech Std

DAY 3

Module 11a – BA Tech Std and BPI Energy Audit Std

Copy of BA Tech Std

DAY 4

MODULE 12 – Field Audit – AM
Review / Questions

Location TBD
Review all Classroom Material and Readings

DAY 5

Examination
A Digital Photo will be taken for ID purposes

PC required with Wireless Network and Microsoft IE
Sorry, No Macs or other browsers for the test



BUILDING PERFORMANCE
BASIC AUDITOR TRAINING

ENERGY AUDITS UNLIMITED, LLC



**AFFILIATE
ORGANIZATION**

Organization: Energy Audits Unlimited, LLC
Delivery Area: New England
Category of Training: Building Analyst Professional
Name of Course: Building Performance / Basic Auditor Training

Pricing: per Student **\$495**

Includes:

CD containing:

PDFs of Classroom Slides
BPI Technical Standards for Certified Building Analyst I
NEAT Installation Executables
NEAT Program Setup Instructions
Open-ended use of BADIS ©¹
Password-protected copy of BADIS©

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URL: www.energy-audits-unltd.com

Other Pricing:

REQUIRED CLASSROOM TEXT
**Residential Energy 5th ed. by John Krigger
and Chris Dorsi**

Energy Audits Unlimited offers:

Building Performance / Basic Auditor Training

The course consists of a full week of in-class and in-field study. The course curriculum consists of 12 modules covering topics such as the "building-as-a-system" approach to auditing, building science, basic building construction, heat transfer, moisture control, insulation types and their application, air sealing, heating systems, diagnostic and safety testing, etc.

Students who successfully pass the in-class, on-line examination will then be positioned to take the in-field proctored audit on their way to becoming BPI-certified. It is highly recommended that students perform several audits to become very familiar with the tools and techniques before attempting to become field-certified.

An introduction to: **NEAT (National Energy Auditing Tool)** from Oak Ridge National Lab.

Training on the BPI Building Analyst Technical Standard and the BPI Energy Audit Standard

Students must have their own PC's (no Mac's) w/wireless and Microsoft IE.

Available on 1st day of class **\$55**

or Student may purchase on-line from:

http://srmi.biz/Bookstore.Professionals.Residential_Energy.htm

On-line Exam per Student – **\$225**
check will be returned to the student if no exam is taken.

Total Cost per Student **\$775**

OPTIONAL TEXTS

Saturn Building Shell Field Guide by John Krigger et al. **\$50**

Proctored Field Audit Exam per Student per Test – **\$300**

¹ Students will be required to sign an Intellectual Property End User Agreement.