



Sample Course Agenda

Day One (all timing is in Central Time)

8:00–8:15 a.m.	Welcome, Introductions, and Class Announcements
8:15–8:30 a.m.	Pretest and Review
8:30–9:15 a.m.	Chapter 1: Overview of the NIA Insulation Energy Appraisal Program <ul style="list-style-type: none">• The Power of Insulation• Energy and the Environment• What Is an Insulation Energy Appraisal?• The Appraisal Process
9:15–10:30 a.m.	Chapter 2: Insulation Fundamentals and Terminology <ul style="list-style-type: none">• Energy• What is Insulation and How Does it Work?• Terms and Definitions• Why Insulate?
10:30–10:45 a.m.	Break
10:45–11:15 a.m.	Chapter 3: Gathering Information <ul style="list-style-type: none">• The Overall Approach• Summary of Information Needs• Appraisal Checklist
11:15–11:45 a.m.	Chapter 4: The Facility Walk-Through <ul style="list-style-type: none">• Objectives of the Walk-Through• Tools and Equipment Needs• Insulation Inspection
11:45 a.m.–12:45 p.m.	Lunch Break
12:45–1:45 p.m.	Chapter 4: The Facility Walk-Through (continued) <ul style="list-style-type: none">• Using Infrared Thermography• Measuring Tips and Tricks
1:45–2:00 p.m.	Break
2:00–3:45 p.m.	Chapter 5: Analyzing the Information and Practice Problems <ul style="list-style-type: none">• Introduction to 3E Plus®• The IEAP Appraisal Spreadsheet• Perform Sample Energy Appraisals• Homework Assignments

Day Two (all timing is in Central Time)

8:00–9:30 a.m.	Chapter 5 (Cont.) <ul style="list-style-type: none">• Homework Review and Additional 3E Plus® Training Practice Problems
9:30–9:45 a.m.	<i>Break</i>
9:45–10:15 a.m.	Chapter 6: The Final Report <ul style="list-style-type: none">• Objective of the Final Report• Report Outline• Delivering the Final Report
10:15–10:45 a.m.	Chapter 7: Marketing Your Services <ul style="list-style-type: none">• Marketing Strategies• The Marketing Mix• After the Class
10:45–11:15 a.m.	Chapter 8: Resources <ul style="list-style-type: none">• The Mechanical Insulation Design Guide (MIDG)• ASTM Standards• Weather Data• Manufacturers Data Sheets
11:15–11:45 a.m.	Review and Questions
11:45 a.m. –12:45 p.m.	<i>Lunch Break</i>
1:15–3:15 p.m.	Examination and Certification for Insulation Energy Appraiser
3:15 p.m.	<i>Adjournment</i>