



Sample Course Agenda

Day One

7:30–8:00 a.m.	Continental Breakfast
8:00–8:15a.m.	Welcome, Introductions, and Class Announcements
8:15–8:30a.m.	Pretest and Review
8:30–9:15a.m.	Chapter One: 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 Two: 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 Three: Gathering Information <ul style="list-style-type: none">• The Overall Approach• Summary of Information Needs• Appraisal Checklist
11:15a.m.–12:00p.m.	Chapter Four: Facility Walk-Through <ul style="list-style-type: none">• Objectives of the Walk-Through• Tools and Equipment Needs• Insulation Inspection
12:00–1:00p.m.	Lunch
1:00–1:45 p.m.	Chapter Four: Facility Walk-Through (continued) <ul style="list-style-type: none">• Using Infrared Thermography• Measuring Tips and Tricks
1:45–2:30 p.m.	Chapter Five: Analyzing the Information <ul style="list-style-type: none">• Introduction to 3E Plus®• The IEAP Appraisal Spreadsheet
2:30–2:45 p.m.	Break
2:45–4:25 p.m.	Chapter Six: Practice <ul style="list-style-type: none">• Perform Sample Energy Appraisals
4:25–4:30 p.m.	Homework Assignments

Day Two

8:00–8:30a.m.	Homework Review and Additional 3E Plus® Training
8:30–10:00 a.m.	Practice Problems
10:00–10:15a.m.	Break
10:15–10:45a.m.	Chapter Seven: The Final Report <ul style="list-style-type: none">• Objective of the Final Report• Report Outline• Delivering the Final Report
10:45–11:15a.m.	Chapter Eight: Marketing Your Services <ul style="list-style-type: none">• Marketing Strategies• The Marketing Mix• After the Class
11:15a.m.–12:00p.m.	Resources <ul style="list-style-type: none">• The Mechanical Insulation Design Guide (MIDG)• ASTM Standards• Weather Data• Manufacturers Data Sheets
12:00–1:00p.m.	Lunch
1:00–1:45 p.m.	Review and Questions
1:45–2:00 p.m.	Break
2:00–4:30 p.m.	Examination and Certification for Insulation Energy Appraiser
4:30p.m.	Adjournment