

BPI Certification Course Outline



Day 1

Introduction & Paperwork
Section 1: What is BPI?
Section 2: Building Science Basics
Section 3: Energy and the Consumer
Section 4: Energy Basics
Section 5: Degree Days
Section 6: Relative Humidity
Section 7: Building Envelope
Section 8: Windows and Doors
Section 9: Finding Air Leaks
Section 10: Diagnostic Procedures
Section 11: Air Sealing Priorities
Section 12: Ventilation Requirements

Day 2

Section 13: Zonal Pressure Diagnostics
Section 14: Duct Leakage
Section 15: Insulation
Section 16: Basements & Crawl Spaces
Section 17: Lighting and Appliances
Section 18: Home Heating Basics
Section 19: Combustion Heating
Section 20: Water Heating
Section 21: Cooling Systems
Section 22: Health and Safety
Section 23: Combustion Appliance Testing
Section 24: Audit Process & Energy Modeling

Day 3

Field Instruction & Classroom Catch-up

Day 4

Field Instruction

Days 5 & Beyond

Online Exam

Individually-scheduled Field Exams