

BPI Building Analyst I Course Outline



Day 1

House as a System
Dimensions of Comfort
Math & Geometry
Electrical Appliances
Quantifying Heat Loss

Day 2

Convection and Air Transported Heat Loss
Moisture in Comfort, Durability and Health
Pollutants and Toxins
Insulation Types and Applications

Day 3

Framing Styles and Home Types
Combustion Appliances and Safety
Zone Pressure Diagnostics
Worst Case CAZ Depressurization

Day 4

Ventilation & ASHRAE
Codes and Licensing
Report Writing, Work Orders and Paybacks
Review

BPI BA 1 Online Exam

Day 5

In-field Training

Day 6

In-field Training

Day 7

BPI BA 1 Field Exam