BPI Certification Course Outline

Build Green Maine's BPI Certification course covers everything a candidate needs to know and demonstrate in order to successfully obtain BPI certification. The curriculum addresses all the Testable Knowledge Items listed for the BPI Building Analyst and Envelope Professional certifications. Both certifications require passing both an online and a field test, and this course fully prepares a candidate to challenge and pass each or both of them. The course is designed to prepare industry professionals for careers in energy auditing, building diagnosis and inspection, air sealing & insulation installation, and high performance construction.

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
Section10: Diagnostic Procedures
Section 11: Air Sealing Priorities
Section 12: Ventilation Requirements
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