

Atlas Academy Course Offerings

Building Science Series

Building Analyst Professional

A comprehensive study of the building as a system, including an overview of Principles of Energy, the Building Shell, Air Leakage, Insulation, Windows and Doors, Heating and Cooling, Health and Safety, Energy Auditing and Energy Efficient Appliances. This Core Program prepares students to obtain a Building Analyst certification from the Building Performance Institute. **40 hrs.**

Advanced Weatherization Techniques

A comprehensive study of the practical applications of current building weatherization techniques as related to insulation, duct sealing, and building infiltration sealing to maximize energy efficiency. The course expands upon weatherization techniques introduced in Building Analyst Professional. **8 hrs.**

2009 International Energy Conservation Code (IECC)

A comprehensive overview of the Residential Requirements of the 2009 IECC, addressing the design of energy efficient building envelopes and installation of energy efficient mechanical lighting and power systems in conjunction with federal requirements emphasizing performance. This Core Program prepares students to obtain IECC Certification. **8 hrs.**

Advanced Duct Blaster Applications

A detailed, hands-on study utilizing practical applications of the Duct Blaster as a diagnostic tool to identify duct system leakage. Course expands upon techniques introduced in Advanced Building Leakage Diagnostics to further the student's skill with advanced techniques that maximize the full potential of the instrument. **4 hrs.**

Advanced Building Leakage Diagnostics

An in-depth study of the practical applications of current building leakage diagnostic equipment including the Duct Blaster, Blower Door, Manometer, Infrared Scanner, Pressure Pan, Flow Hood, and Static Pressure Gauge to maximize energy efficiency. The course expands upon diagnostic techniques introduced in the Building Analyst Professional course. **8 hrs.**

Advanced Blower Door Applications

A detailed, hands-on study utilizing practical applications of the Blower Door as a diagnostic tool to identify complex building air infiltration problems. Course expands upon techniques introduced in Advanced Building Leakage Diagnostics to further the student's skill with advanced techniques that maximize the full potential of the instrument. **4 hrs.**

Sustainable Investing Series

Introduction to Sustainable Investing

A study of emerging energy technologies combined with time-tested investment techniques in green investing. Topics include the future of the energy industry, an in-depth look at new energy sources, techniques of finding new energy companies and investment analysis of explosive growth stocks. **16 hrs.**

Advanced Sustainable Investing

An in-depth analysis of companies that are leading the way in sustainability solutions, including the use of techniques to evaluate these companies to differentiate the winners and losers. Topics include learning from past boom mistakes, the behavior of investors in a bull market and analysis of actual wind, solar and biofuel companies. **16 hrs.**



The Center for
Investment Research