

Basics of Building Science

ONLINE COURSE DESCRIPTION

During this course, students will be introduced to the expanding field of building science. Students will learn how to analyze the components of a home and how they work as a system. This course teaches the basics of building science and how interacting relationships affect the performance of a home.

This is not an in-depth building science course; it is an introduction with the intent to give the student a foundation upon which to build.

The topics covered in this course are a good prerequisite for the advanced Building Performance Institute (BPI) Building Analyst Certification training course.

Prerequisites:

- Basic Math and Reading Skills (8-9 grade level)
- Basic Computer Skills

Schedule:

The Basics of Building Course is approximately 15 hours over 5 weeks.

Training Topics:

- Health and Safety
- Introduction to Building Science
- Building Envelope
- Math Applications for Building Science

NYSERDA's Workforce Development Program, offers energy efficiency and building science courses through training partners across New York State. This training is recognized by the Building Performance Institute (BPI) and prepares students for BPI certification exams.

The curriculum for the training courses was developed under contract and is the property of NYSERDA. This popular curriculum is available to other training entities through licensing agreements with NYSERDA. Schools, energy service providers, private industry, and public entities have used this curriculum, saving them time and money and giving them the ability to begin training programs immediately.

**For more information, please contact
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