

# Multifamily Building Analyst

## COURSE DESCRIPTION

The training covers a four-step process of multifamily building performance analysis including pre-visit procedures, site visit, analysis and reporting to help students prepare for the Building Performance Institute's (BPI) Multifamily Building Analyst field exams.

Participants will be instructed on the evaluation of building performance and improvement opportunities based on a review of energy use and building operating conditions.

### Prerequisites:

A significant level of experience in energy auditing or related field experience is recommended.

### Schedule:

The Multifamily Building Analyst Course consists of 35 hours of classroom instruction and 7 hours of field training (optional) for a total of 42 instructional hours.

### Training Topics:

- Overview of Multifamily Audit Process
- Data Collection and Management
- Building Envelope Ventilation and Building Air Flow
- Heating and Hot Water Systems
- Cooling Systems
- Energy End Use Allocation
- Electrical Systems and Metering Schemes
- Building Energy Modeling
- Energy Measure Analysis
- Combined Heat and Power (CHP)
- Audit Reporting

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.

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