



Energy Modeling Software Training

ORNL Weatherization Assistant v10

Course Description:

This course consists of two 8-hour days of in-person classroom and hands-on instruction on the use of ORNL's Weatherization Assistant v10 (NEAT/MHEA) computer energy modeling software program, including:

- Defining Energy Modeling and understanding its purpose
- Introduction to ORNL's Weatherization Assistant v10
- Data collection (Client, site conditions, building components, mechanical equipment, etc.)
- Data input (Client data, site conditions, building components, mechanical equipment, etc.)
- Report generation and results analysis
 - Pre- / Post-retrofit heating/cooling load analysis
 - Energy saving measure economics results analysis
 - Savings to Investment Ratio (SIR)
- Utilities cost calculations
- Measure library costs
- Work Scope generation
- Relevant programmatic requirements and documentation
- Updates and best practices
- Review, Assessment, and Q&A

Total Classroom Instruction/Exams Hours: 16

Instructor(s): Caleb Copeland-Cook / Jacob Delaloye

Schedule:

Both days: 8:30 am – 5:00 pm (30-minute lunch)

Successful completion of this this course provides 8 CEUs to BPI Certified Professionals and satisfies the Energy Modeling prerequisites for BPI Energy Auditor applicants (course documentation must be submitted to BPI by candidates).

Schedule subject to change based on student needs and time required for exams.