



Residential Energy Efficiency

## NEAT/MHEA Course Syllabus

### **Description**

The NEAT/MHEA 8.9 training course is designed to teach the skills necessary to use the Weatherization Assistant 8.9 energy auditing software for site-built and mobile homes. The course focuses on gathering the required information through inspection and diagnostic testing of a dwelling and entering the data into the software. It teaches navigation of the program, proper library set-up, and procedures used to correctly enter data to determine savings to investment ratio (SIR) of measures. The class curriculum is suitable for any student who wishes to develop the skills necessary to operate the Weatherization Assistant 8.9 software.

The class is an instructor-led virtual training focused on what information must be gathered from a dwelling and how to properly enter that data into the software. The training consists of a power-point presentation as well as instructor-led entry of data into the audit software. Students will take one written test of their knowledge. Upon successful completion of the test the student will receive a certificate of completion.

### **Organization**

This is a 4-day, 7.5-hour daily, instructor-led virtual training. Topics are presented in a virtual online meeting platform with student involvement required throughout. Class topics are delivered through PowerPoint presentations, practical exercises and demonstrations, and includes students performing hands-on entry of data into the audit software. Student participation is very important.

### **Course Objectives**

Students will be able to:

1. Understand the Weatherization Assistant 8.9 software.
2. Perform an energy audit on site-built and mobile homes using the Weatherization Assistant 8.9 software.
3. Learn the proper data required to run a NEAT/MHEA audit.
4. Properly set-up audit libraries.
5. Create work orders using the Weatherization Assistant 8.9 software.
6. Create bid forms using the Weatherization Assistant 8.9 software.



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Course Topics	Percentage weight of topic in course
1. Understanding Audit Software	75%
2. Gathering necessary data	25%

### Grading Criteria and Passing Score

The exam consists of one written test. Students must pass with a 70% score or higher to successfully pass the course. If a student does not pass, he or she will be allowed to retake the test in accordance with Residential Energy Efficiency – Training Initiatives (REE) retesting policy.

### Grading Plan

1. Written Exam 100 points (70 points to pass)

### Honor Code

Students are expected to follow REE's Honor Code. Absolutely no cheating is permitted. Violations will be dealt with according to the Student Conduct Policy.

### Course Conduct Expectations

In addition to following all student policies, students are expected to adhere to the following:

1. Be prepared and on time for class.
2. Cell phone use is NOT permitted during class
3. Attend entire virtual training.

### Required Publications

*Weatherization Assistant version 8.9 National Energy Audit Tool, Mobile Home Energy Audit Tool user guide.*