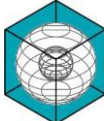




# TRAINING OPPORTUNITY ANNOUNCEMENT

Texas A&M University’s Energy Systems Laboratory (ESL) is offering **free half-day training workshops** to benefit students and/or building trade professionals in your area. This training is funded by a grant from the Texas Workforce Commission, to provide training to support Energy Efficiency and Renewable Energy (EE/RE).

**Host a training program in your local area:** You are invited to host any of the seven workshops described below. As a workshop host, you will be asked to provide the location for the training and a minimum number of students or participants that meet the eligibility requirements. Training staff and materials are provided at no charge to either the host or the students.

<p>Three levels of Energy Codes Training Workshops, based on the 2009 International Energy Conservation Code (IECC) for both Residential and Commercial building:</p> <ol style="list-style-type: none"> <li>1. Energy Codes Basic</li> <li>2. Energy Codes Intermediate</li> <li>3. Energy Codes Advanced</li> </ol>	 <p>Provided by TAMU – Energy Systems Laboratory Faculty and Staff</p>
<p>Three Special Topic Hands-On Training Workshops:</p> <ol style="list-style-type: none"> <li>4. Performance Testing Requirements in the Code</li> <li>5. Duct Total Leakage Testing at Rough-in</li> <li>6. Air Infiltration Testing &amp; Duct Leakage to Outside</li> </ol>	 <p>Provided by the Texas Home Energy Rating Organization</p>
<p>One Workshop, Introducing EE/RE Certification:</p> <ol style="list-style-type: none"> <li>7. Overview of Energy Efficiency and Renewable Energy technical skills programs which can be offered and the curricula that will be developed to create a new EE/RE Certification Endorsement.</li> </ol>	 <p>Provided by the International Polytechnics Institute</p>

*Information on eligibility requirements and details on each workshop, credit units and target audiences are attached. Each workshop provides Continuing Education Units (CEUs), Professional Development Hours (PDHs) and Learning Units (LUs).*

**Take this opportunity to preview the workshops and see how they fit your training objectives:** Workshops 1, 2, 3, and 4 will be offered on August 26, at the Clean Air Through Energy Efficiency (CATEE) Conference in Austin at no charge for eligible participants. Details on eligibility requirements and registration for these workshops are at the CATEE Conference website <http://catee.tamu.edu>.

**Plan now for your own workshops:** A Circle of Ten, Inc. (C10) is now coordinating a “Training Calendar” for the next school year. Requests for training are considered in the order reserved. To indicate your interest, or for more information, please contact:



**A Circle of Ten, Inc.**  
**Kathy Holdway or Donna Timmons**  
**Email: [circleof10@circleof10.org](mailto:circleof10@circleof10.org)**  
**Phone: 903-541-0013 Fax: 903-541-0014**



# **SUMMARY OF TRAINING WORKSHOPS**

Available: August, 2010 – May, 2011

## **1. Energy Codes Basic (2009 IECC Overview Basic)**

The workshop provides a basic overview of the 2009 IECC Residential and Commercial Energy Codes:

- *For people with limited or no knowledge in the building industry: New entry students including, secondary, TANF adult trainees, WIA eligible, pre-apprentices, apprentices, unemployed and displaced workers*
- *Requires 15-20 Per Class; 3-4 Hrs*
- *Classroom setting*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **2. Energy Codes Intermediate \* (2009 IECC Overview Intermediate)**

The workshop provides an intermediate overview of the 2009 IECC Residential and Commercial Energy Codes.

- *For professionals in the building industry without prior training in the energy codes, post-secondary students, instructors, inspectors, administrators of schools, technical institutes, community colleges, and registered apprenticeship programs*
- *Requires 25-45 Per Class; 3-4 Hrs*
- *Classroom setting*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **3. Energy Codes Advanced \* (2009 IECC Overview Advanced)**

The workshop provides an advanced overview of the 2009 IECC Residential and Commercial Energy Codes.

- *For professionals in the building industry or related industries with prior general training and/or certification of Energy Conservation Code Post-secondary students, instructors, inspectors, administrators of schools, technical institutes, community colleges, and registered apprenticeship programs*
- *Requires 15-20 Per Class; 3-4 Hrs*
- *Classroom setting*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **4. Performance Testing Requirements in the Code \*\***

The workshop introduces basic code requirements which drive performance testing, principles of pressure, effects of internal and external pressures on infiltration and leakage. Introduces test equipment and set-up.

- *For all audiences*
- *Requires 10-16 Per Class; 3-4 Hrs*
- *Classroom setting*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **5. Duct Total Leakage Testing at Rough-in \*\***

The workshop provides instruction on set-up and proper use of duct pressurization equipment for duct leakage testing, how to use test results for diagnosis, how to document for compliance.

- *For all building industry participants, students, educators*
- *Requires 10-16 Per Class; 3-4 Hrs*
- *Classroom plus an In-field or Lab Mock-up training sites required*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **6. Air Infiltration Testing & Duct Leakage to Outside \*\***

The workshop provides instruction on proper set-up and use of a blower door for air leakage testing, and blower door/duct pressurization combination for testing duct leakage to outside; how to use test results for diagnosis, how to document for compliance.

- *For all building industry participants, students, educators*
- *Requires 10-16 Per Class; 3-4 Hrs*
- *Classroom plus an In-field or Lab Mock-up training sites required*
- *Credits Offered: .3 CEUs; 3 PDHs; 3 LUs*

## **7. Introducing EE/RE Certificate Endorsement**

Overview of Energy Efficiency and Renewable Energy (EE/RE) technical skills training programs and curricula that are being developed to create a new EE/RE Certification Endorsement and training.

- *For incumbent building-trade professionals, apprentices, students and educators*
- *Requires 10-15 Per Class; 3 Hrs*
- *Classroom setting*
- *Credits Offered: .2 CEUs; 2 PDHs; 2 LUs*

\* *Workshops 2 and 3 will prepare code development and enforcement professionals who are interested in taking ICC Certification Exams.*

\*\* *Workshops 4, 5, and 6 are a complete sequence that may be taken at different times, but should be taken in order. The host for sessions 5 and 6 will need either a construction lab where new house test conditions can be mocked up, or to coordinate with local builders for access to homes ready for testing.*

## **PARTICIPANTS ELIGIBILITY REQUIREMENTS\*\*\***

- Be 14 years of age or older at the time of enrollment in the program
- Be authorized to work in the U.S. (a United States citizen or a noncitizen authorized to work in the U.S.)
- If male, meet U.S. Military Selective Service registration requirements

\*\*\* *To receive free training, participants must provide proof of eligibility at the workshop (bring original documents and one copy of each).*