

Texas A&M University's Energy Systems Laboratory (ESL) is offering **free training workshops\*** to benefit students and/or building trade professionals in your area. This training is funded by Workforce Investment Act (WIA) and American Recovery and Reinvestment Act of 2009 (ARRA) through the Texas Workforce Commission to provide training to support Energy Efficiency and Renewable Energy (EE/RE).



## 2011 Workshops are set:

**Feb 22 & 23** in Lufkin at Angelina College

**March 7 & 8** in Tyler at the Tyler Rose Garden Center

**March 29 & 30** in College Station at CSU Meeting & Training Facility

## SUMMARY OF TRAINING WORKSHOPS

### 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 15-35 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, and for post-secondary students, instructors, inspectors, administrators of schools, technical institutes, community colleges, and registered apprenticeship programs.
- Requires 15-35 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, and for post-secondary students, instructors, inspectors, administrators of schools, technical institutes, community colleges, and registered apprenticeship programs.
- Requires 15-35 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 15-20 Per Class; 3-4 Hrs;
- 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-trade professionals, students, educators.
- Requires 15-20 Per Class; 3-4 Hrs;
- 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-trade professionals, students, educators.
- Requires 15-20 Per Class; 3-4 Hrs;
- In-Field or Lab Mock-Up training sites required
- Credits Offered: .3 CEUs; 3 PDHs; 3 LUs

### 7. Introducing EE/RE Certification

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

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

\* To receive free training, participants must **preregister and submit copy** of proof of eligibility prior to training.

\*\* 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 in a sequence and must be taken as a full set.

### \* Participants Eligibility Requirements

- Be 16 years of age or older at the time of enrollment in the program
- Be a United States citizen or a noncitizen authorized to work in the U.S.
- If male, born on/after Jan 1, 1960 AND 18+ years old on training date, meet U.S. Military Selective Service registration requirements

## 2011 SPRING TRAINING DATES AND LOCATIONS

### Feb 22 & 23 in Lufkin

#### Tues, Feb 22

- |   |                |
|---|----------------|
| 1. 2009 IECC Energy Codes Basic                       | 8:00 AM - Noon |
| 4. ***Performance Testing Requirements in the Code    | 8:00 AM - Noon |
| 2. 2009 IECC Energy Codes Intermediate                | 1:00 - 5:00 PM |
| 7. Overview of Energy Efficiency and Renewable Energy | 1:00 - 5:00 PM |

#### Wed, Feb 23

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|--|----------------|
| 3. 2009 IECC Energy Codes Advanced                       | 8:00 AM - Noon |
| 5. ***Duct Total Leakage Testing at Rough in             | 8:00 AM - Noon |
| 6. ***Air Infiltration Testing & Duct Leakage to Outside | 1:00 - 5:00 PM |
| 7. Overview of Energy Efficiency and Renewable Energy    | 1:00 - 5:00 PM |

### March 7 & 8 in Tyler

#### Mon, Mar 7

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|--|----------------|
| 1. 2009 IECC Energy Codes Basic                    | 8:00 AM - Noon |
| 4. ***Performance Testing Requirements in the Code | 8:00 AM - Noon |
| 2. 2009 IECC Energy Codes Intermediate             | 1:00 - 5:00 PM |

#### Tues, Mar 8

- |  |                |
|--|----------------|
| 3. 2009 IECC Energy Codes Advanced                       | 8:00 AM - Noon |
| 5. ***Duct Total Leakage Testing at Rough in             | 8:00 AM - Noon |
| 6. ***Air Infiltration Testing & Duct Leakage to Outside | 1:00 - 5:00 PM |
| 7. Overview of Energy Efficiency and Renewable Energy    | 1:00 - 5:00 PM |

### March 29 & 30 in College Station

#### Tues, Mar 29

- |  |                |
|--|----------------|
| 1. IECC Energy Codes Basic ESLTBA                  | 8:00 AM - Noon |
| 4. ***Performance Testing Requirements in the Code | 8:00 AM - Noon |
| 2. IECC Energy Codes Intermediate                  | 1:00 - 5:00 PM |

#### Wed, Mar 8

- |  |                |
|--|----------------|
| 3. IECC Energy Codes Advanced                            | 8:00 AM - Noon |
| 5. ***Duct Total Leakage Testing at Rough in             | 8:00 AM - Noon |
| 6. ***Air Infiltration Testing & Duct Leakage to Outside | 1:00 - 5:00 PM |

\*\*\* Workshops 4, 5, and 6 are in a sequence and must be taken as a full set.

Class sizes are limited to individuals who **register**, first and **submit required TWC eligibility documentation**. Non-TWC Eligible Trainees may register, for \$65 per training, if there is space a week before the training.

**Register now:** A Circle of Ten, Inc. (C10) is now taking registration for these free trainings. To indicate your interest, or for more information, please contact:



**A Circle of Ten, Inc.-Network for Collaboration**

**Donna Timmons, Julie Gardner or Kathy Holdway**

**Email: [circleof10@circleof10.org](mailto:circleof10@circleof10.org)**

**Phone: 903-541-0013 Fax: 903-541-0014 [www.etvv.org](http://www.etvv.org)**