

Residential Energy Code Training

This seminar provides builders, designers, building officials, plan reviewers and inspectors with information they need to understand and achieve compliance with the energy provisions of the International Residential Code and the residential provisions of the International Energy Conservation Code. Emphasis is on understanding the purpose and scope of the energy requirements and basic knowledge required to enforce chapters 1 through 6 of the IECC. Discussion covers how to find what you need, basic requirements and the related building science, available compliance approaches, and plan review or inspection actions that assure compliance.

What we'll cover:

- SB 5 and new Texas Building Energy Performance Standards.
- The International Residential Code & International Energy Conservation Code.
- The House as a System, the laws of nature behind the codes.
- Purpose, Scope and Application of the IECC
- Code Structure and Compliance Process
- Basic requirements.
- Climate zones and the building envelope.
- Compliance Approaches
- Mechanical Systems and Service Water Heating.
- Electrical Power & Lighting
- Plan Review Issues
- Inspection Issues

Learning Objectives:

- Understand where and when energy codes apply.
- Identify the requirements most likely to impact regional building practices and product selections.
- Identify information from plans, materials or submittals to determine compliance.
- Understand application to alterations, additions or repairs, and changes in use
- Understand the basic residential energy code requirements.
- Identify the energy code requirements that are specific to your area based on climate zone.
- Understand alternative approaches and trade-off options available.
- Identify compliance features that meet energy code requirements.