

CODE OFFICIAL COURSE DESCRIPTIONS

NFPA 13, 1999 and NFPA 25, 2002, Introduction to Automatic Sprinkler Systems

1 day; 6 hours

Description:

This course provides the participant with a basic overview and knowledge of sprinkler systems. The class discusses the type of sprinkler systems, system configurations, the types of sprinklers, system components, terms and definitions used in NFPA 13. Students will receive an overview of maintenance requirement as required by NFPA 25. This class is beneficial to the individual with limited knowledge of sprinkler systems.

NFPA 13, 1999 and NFPA 25, 2002, Intermediate level, Automatic Sprinkler Systems

1 day; 6 hours

Description:

The one-day course provides intermediate to advanced information on automatic fire sprinkler systems. Participants will receive instruction in fire sprinkler installation detailing piping, sprinkler head spacing, placement, orientation, and sprinkler obstructions. This course will be most helpful for those personnel responsible for plan review and inspection of fire sprinkler systems.

2008 Indiana Building Code, Mixed Occupancies

1 day; 6 hours

Description:

This course applies the concept of mixed occupancies in buildings and compliance with code requirements in the 2008 Indiana Building Code. Provides processes for determining code requirements for the nonseparated occupancies option and separated occupancies option.

2008 Indiana Mechanical Code, Exhaust Hoods

1 day; 6 hours

Description:

This course will provides the participant with the knowledge and understanding of the requirements of Chapter 5, as relating to the installation, air movement, theoretical concepts, fire and cleaning of and exhaust hood system.

2008 Indiana Building Code, Accessibility & Usability

1 day; 6 hours

Description:

Provides requirements for construction of accessible structures in compliance with the IBC and the referenced standard ICC/ANSI 117.1-2003. Introduces the topics of plan review and inspection for construction allowing the physically challenged, the visually impaired and the hearing impaired to use buildings of all types. Discusses the primary objective of the 2008 Indiana Building Code, which is to meet, or exceed to the maximum extent possible, the requirements of the ADAAG and the FHAG.

CODE OFFICIAL COURSE DESCRIPTIONS

NFPA 13, 1999, Introduction to Sprinkler System, Plan Review 1 day; 6 hours

Description:

This course provides intermediate to advanced information on plan review of sprinkler systems. Class discussions will be helpful for fire department and building personnel responsible for plan review and inspections. Sprinkler designers will also benefit from this information. Plan review covers code requirements for submittal of plans and calculations. It evaluates sprinkler plans considering classification of occupancy, commodity classification, and system area. We analyze elements of hydraulic calculations, including remote area, sprinkler flow, and water supply.

NFPA 72, 2002, Introduction to Fire Alarm Systems 1 day; 6 hours

Description:

This basic fire alarm course is an overview of NFPA 72. It is a course beneficial to new fire alarm personnel, and building and fire officials involved in design, plan review, installation and testing. This course describes fire alarm system components, placement of devices, and battery calculations. Also covered is how to perform inspections to ensure proper installation and operations. Students will receive an overview of maintenance requirement as required by NFPA 25.

2008 Indiana Building Code, Performing Commercial Building Inspections 2 days; 12 hours

Description:

This course provides essential information for performing commercial building inspections using a systematic and procedural approach. It explains the tasks a commercial building inspector needs to perform to verify that a commercial building complies with the 2008 Indiana Building Code (IBC). It also details a how-to approach to conduct an inspection, and includes topics pertaining to techniques and procedures. This course provides fundamental technical knowledge necessary for comprehensive inspection practice. The workbook is divided into eight chapters, one for each major area of inspection. Many of the workbook chapters contain inspection checklists that guide participants through how to perform specific tasks. These checklists are appropriate for use in the field.

2008 Indiana Fire Code Performing Commercial Fire Inspections 2 days; 12 hours

Description:

Enables the participant to conduct commercial fire inspections using the 2008 Indiana Fire Code. Individuals seeking specialized knowledge in Fire Protection Systems, Means of Egress, Hazardous Materials or other specialized topics should contact the International Code Council for additional seminars.

CODE OFFICIAL COURSE DESCRIPTIONS

2005 Indiana Electrical Code, Performing Commercial Electrical Inspections

1 day, 8 hours

Description:

Enhances general understanding of code rules and how to apply these rules in everyday situations. Explains, in clear, concise language, code structure involving installation, design and inspections of commercial electrical systems. Addresses a checklist style format for such things as underground rough-in, wall rough-in, ceiling rough-in, services, and grounding and bonding requirements one would encounter in the commercial environment of the electrical installation. Presents examples of application of the NEC rules to installations and systems as well as major checklists for inspectors and installers.

2005 Indiana Electrical Code, IAEI's Soares Grounding and Bonding

1 day, 8 hours

Description:

Increases expertise in the grounding and bonding of electrical systems. Based on the authoritative text, Soares Book on Grounding, the fundamentals and practice of grounding is clearly explained in easily understood language. Features dozens of new and revised color illustrations and photos of actual installations. Clarifies and simplifies the fundamental principles of grounding and bonding.

- Give details about grounding special systems, such as for hazardous locations, agricultural buildings, health care facilities, swimming pools, and electric signs.

1999 Indiana Plumbing Code (1997 Uniform Plumbing Code)

1 day; 6 hours

Description:

Introduces the critical concepts of the 1999 Indiana Plumbing Code. Provides a basis for the correct use and application of the code in design, plan review, inspection and analysis of projects. Provides a clear understanding and correct use of the requirements identified by these basic code provisions, tables, and categorizations allows code users to apply the code in clear-cut and gray area situations.

2008 Indiana Building Code, Performing Non-Structural Plan Reviews

2 days; 12 hours

Description:

Provides essential plan review knowledge and concepts utilizing a systematic and procedural approach. This course will help you learn how to perform nonstructural plan review tasks that are consistent with the requirements in the 2008 Indiana Building Code (IBC). When you complete this workshop, you will be able to determine whether a given set of building plans complies with the following requirements of the 2006 IBC. The topics covered in this course are not all inclusive. Selected topics that mirror the plan review record are included and additional topics applicable to most construction projects are covered. Prior to performing any part of a nonstructural plan review, the plan review should read all provisions of the required chapters and determine the applicability of the provisions on a project-by-project basis.

CODE OFFICIAL COURSE DESCRIPTIONS

2008 Indiana Fire Code, Performing Commercial Fire Plan Reviews 2 days; 12 hours

Description:

This course addresses numerous references in the 2008 Indiana Fire Code where the fire code official may grant approval for operations, storage, use and handling that occur in occupancy, but that are not regulated specifically by the 2008 Indiana Building Code. The course is intended to help building and fire code officials responsible for plan review identify those areas where plan review prior to use or occupancy will facilitate compliance with the IFC.

2008 Indiana Building Code Fundamentals Nonstructural Provisions 1 day; 6 hours

Description:

Addresses the critical concepts of the 2008 Indiana Building Code regarding nonstructural requirements. Provides a basis for the correct use of the code in building planning, fire-resistance-rated construction, fire protection systems and means of egress. Discusses issues that are the basis for many designs and plan review decisions.