



NFPA 5000: Building Construction and Safety Code Seminar Outline

►Overview:

Building Construction and Safety Code (NFPA 5000) addresses the construction, protection, and occupancy features necessary to minimize danger to life and property. The purpose of the Code is to provide minimum design regulations to safeguard life, health, property, and public welfare and to minimize injuries by regulating and controlling the permitting, design, construction, quality of materials, use and occupancy, location, and maintenance of all buildings and structures within the jurisdiction and certain equipment specifically regulated herein.

►Objectives:

The aim of this seminar is to provide participants with an overview of NFPA 5000 and how to apply it. Experienced instructors explain the intent behind requirements, so you can implement or enforce this code in all types of construction matters

This seminar will prepare attendants to be able to: The seminar will explain how the code was developed through an ANSI-accredited consensus process, and how to apply it, with details about concepts of egress and accessibility, performance-based design options, fire-protection systems and equipments, classification of occupancies, hazards of content, construction types and materials, and more.

This seminar is one of your best opportunities to learn what NFPA 5000 is all about and how to apply it in your work.

►Possible Attendance:

Anyone concerned with NFPA 5000 including:

- Engineers
- Architects
- Designers
- Facility managers
- Inspectors
- Safety directors
- Risk managers
- Facility consultants
- Project manager
- Business owners

►Structure:

18 hours to be carried out over 3 days including presentation, workshop, valuable supporting documents, soft & hard templates for NFPA 5000

► **Contents:**

This course presents Standards on Building Construction and Safety Code (NFPA 5000)

It covers:

- Administration
- Definitions
- Some General Fundamentals
- Performance-Based Options
- Classification of Occupancy, Classification of Hazard of Contents, and Special Operations
- Construction Types and Height and Area Requirements
- Fire-Resistive Materials and Construction
- Interior Finish
- Means of Egress
- Accessibility
- Encroachments into the Public Right-of-way
- Safeguards during Construction
- Building Rehabilitation
- Assembly Occupancies
- Educational Occupancies
- Day-Care Occupancies
- Health Care Occupancies
- Ambulatory Health Care Occupancies
- Detention and Correctional Occupancies
- One- and Two-Family Dwellings
- Lodging or Rooming House Occupancies
- Hotels and Dormitory Occupancies
- Apartment Buildings
- Residential Board and Care Occupancies
- Mercantile Occupancies
- Business Occupancies
- Industrial Occupancies
- Storage Occupancies
- Occupancies in special Structures
- Special Construction
- High-Rise Buildings
- High Hazard Contents
- Structural Design
- Soils, Foundations, and Retaining Walls
- Exterior Wall Construction
- Roof Assemblies and Roof Structures
- Flood-Resistance Design and Construction
- Quality Assurance During Construction
- Concrete



- Aluminum
- Masonry
- Wood
- Glass and Glazing
- Gypsum Board, Lath, Plaster
- Plastics
- Interior Environment
- Mechanical Systems
- Energy Efficiency
- Electrical Systems
- Plumbing Systems
- Elevators and Conveying Systems
- Fire Protection Systems and Equipment

Throughout the seminar there will be opportunities for questions, and where appropriate, case studies will be discussed.