

# CODES ENFORCEMENT ON-CAMPUS PROGRAM

The TFACA's Codes Enforcement Program offers a vibrant and challenging curriculum to code officials, inspectors, design professionals and contractors in Tennessee and beyond. Our ability to provide dynamic codes/standards training on building, fire, plumbing, mechanical, and electrical subjects is unique. Whether it is today's most recently published codes or classes that are based on older editions, we can customize the material to meet your specific training needs.

While attending on-campus courses, students have access to a library, a full-size functional "Codes Prop House" complete with codes violations, and hands-on instructional classrooms and labs.

Codes enforcement classrooms are customized to fit the codes courses. Drafting tables, tensel testing equipment and a customized sprinkler lab are a few of the many resources available to students attending on-campus training.






# CODES ENFORCEMENT OFF-CAMPUS PROGRAM

## Codes Enforcement Regional Program


The Regional Codes Enforcement Program at the Tennessee Fire Service and Codes Enforcement Academy is committed to delivering quality codes enforcement training programs to local codes enforcement personnel. To ensure that TFACA programs are accessible to all personnel, classes are offered in metropolitan areas, as well as the bucolic settings of some of Tennessee's finest state parks. By bringing training courses directly to various locations, all regions are within a short drive of a challenging and stimulating discourse of relevant and timely topics. The goal and constant emphasis of this regional program is to provide the best instruction available to the codes enforcement community of Tennessee.

Individual codes enforcement departments, local area construction trade organizations and professional organizations may request on-site delivery of any of the TFACA's codes enforcement training programs previously listed in this course catalog. Offered primarily in a one-day format, courses consist of excerpts that are listed in this publication or requested specialty classes focusing on one major topic. These courses provide a broad range of training and educational opportunities that are geared for the inspector, design professional or contractor, who may not be able to be away from the office for an extended leave of time. In addition to our traditional one day classes, we have expanded the Regional Program to also include multi-day classes.

For questions regarding Regional Codes Enforcement program schedules, class presentations or additional information regarding your training needs, contact Steve Smith, Regional Codes Enforcement Instructor Supervisor at 931.294.4111 or 1.800.747.8868.



### Codes Enforcement Off-Campus Class Locations



**Architects   Engineers   Inspectors   Plan Reviewers   Contractors**

You are never far from a TFACA Codes Enforcement class!  
 This map indicates possible locations for classes.  
 If you would like to schedule a class in your local area, or to suggest a class topic  
 please contact Steve Smith at:  
 1.800.747.8868, or [steven.l.smith@state.tn.us](mailto:steven.l.smith@state.tn.us)

*Continuing Education*

*1-day & Multi-day Classes*

West

Middle

East

Course schedules are updated on the TFACA web site. Go to [www.state.tn.us/commerce/sfm/tfaca](http://www.state.tn.us/commerce/sfm/tfaca) or keyword tfaca for more information

# COURSE LISTING

## GENERAL

Introduction to Codes Principles and Applications – C100 .....	
Computers in Codes Enforcement – C101 .....	
Legal Aspects of Code Administration – C102 .....	
Zoning Inspector and Property Standards – C103 .....	
How to Prepare for a Certification Exam – C104 .....	
Rules and Regulations Governing Contractors, Engineers and Architects – C105 .....	
Introduction to Plans Review – C106 .....	
Applications of Code Mathematics – C107 .....	
Accessibility Inspector and Related Code Applications – C108 .....	
Certified Building Official Legal and Management – C109 .....	
Certified Building Official Technology – C110 .....	
Significant Code Changes – C111 .....	
Overview of the International Energy Conservation Code (Residential) – C112 .....	
Overview of the International Residential Code – C113 .....	
Inspection of Storage Occupancies – C114 .....	
Maze of Walls – C117 .....	
Hazardous Materials – C124 .....	

## BUILDING CODES

Building Inspector I – CB100 .....	
Building Inspector II – CB101 .....	
Residential Building Principles and Code Applications – CB102 .....	
Commercial Building Principles and Code Applications – CB103 .....	
Property Maintenance and Housing Code Applications – CB104 .....	
Existing Building Principles and Code Applications – CB105 .....	
Model Energy Code Principles and Code Applications – CB106 .....	
Common Excavating and Grading Requirements – CB107 .....	
Building Construction Combustibles and Non-Combustibles – CB108 .....	
Properties of Wood Frame Construction – CB109 .....	
Structural Steel Inspection and Code Applications – CB110 .....	
Manufactured / Modular Home Principles and Code Applications – CB111 .....	
Non-Structural Plans Review – CB112 .....	
Special Occupancy Plans Review and Code Applications – CB113 .....	
Seismic Inspection and Plans Review – CB114 .....	
Means of Egress – CB115 .....	
Concrete and Masonry Principles and Code Applications – CB116 .....	
Performance Based Equivalency Evaluations – CB117 .....	
Seismic and Wind Bracing Requirements for Wood Frame Construction – CB118 .....	
Change of Occupancy Code Applications – CB119 .....	
Special Uses and Mixed Occupancies – CB120 .....	
Overview of the International Building Code – CB121 .....	
Comparison of Standard Building Code 1997 Edition (Residential Provisions) to International Residential Code (2003 Ed.) – CB122 .....	
Comparison of Standard Building Code 1999 Edition (Residential Provision) to International Residential Code (2003 Ed.) – CB123 .....	





# COURSE LISTING

Fire Design and Means of Egress: Comparison of the Standard Building Code to the International Building Code (2003 Ed.) – CB124 .....

Comparison of Standard Building Code 1999 Edition (Residential Provisions) to International Residential Code (2003 Ed.) – CB125 .....

Day-Care Occupancies – CB127 .....

Overview of the International Existing Building Code and International Property Maintenance Code – CB128 .....

Non-Structural Plans Review Checklist Procedures – CB129 .....

Sticks and Bricks – CB132 .....

2006 International Building Codes (IBC) : Code Changes – CB134 .....

Fundamentals of the International Building Code – CB135.....

Building Fundamentals of the 2006 International Residential Code – CB136 .....

Area Modifications in the 2006 International Building Code (IBC) – CB137 .....

Overview of the 2006 International Building Code (IBC) – CB138.....

## ELECTRICAL CODES

General Electrical Code Concepts – CE100 .....

Residential Electrical Principles and Code Applications – CE101.....

Commercial Electrical Principles and Code Applications – CE102.....

Commercial Electrical Plans Review CE103.....

Commercial Electrical Inspector – CE104.....

Grounding Principles – CE106 .....

Electrical Code and Calculations – CE107 .....

## FIRE CODES

Fire Inspector I – International Code Council (ICC) – CF100 ICC .....

Fire Inspector I – National Fire Protection Association (NFPA) – CF100 NFPA .....

Fire Inspector II – International Code Council (ICC) – CF101 ICC.....

Fire Inspector II – National Fire Protection Association (NFPA) – CF101 NFPA .....

Fire Safety Plans Review - CF102.....

Building Fire Protection Systems – CF103 .....

Fire Proofing Methods and Protection of Rated Assemblies – CF104.....

Fire Sprinkler Design and Plans Review – CF105 .....

National Fire Protection Association (NFPA) Life Safety Code Principles – CF106 .....

Storage Tanks for Combustibles Principles and Code Applications – CF107.....

Overview of the International Fire Code – CF108 .....

Overview of National Fire Protection Association (NFPA) 72 National Fire Alarm Code – CF109 .....

Overview of National Fire Protection Association (NFPA) 30 and 33: Flammable and Combustible Liquids and Spray Operations – CF110.....

Overview of National Fire Protection Association (NFPA) Life Safety Code Principles (101) – CF111 ..

Means of Egress in the Life Safety Code and the International Building Code (IBC) – CF112 .....

National Fire Protection Association (NFPA) 58, LP Gas Code – CF113 .....

2006 International Fire Code (IFC): Code Changes – CF115 .....

National Fire Protection Association (NFPA) 25: Inspecting Sprinkler Systems – CF116.....

Life Safety Code Fundamentals – CF117 .....

Performing International Fire Code (IFC) Inspections – CF118 .....

Overview of the 2006 International Fire Code – CF119 .....

Ventilation Control and Fire Protection of Commercial Cooking Operations – CF120 .....

High Piled Combustible Storage – CF121 .....

Performing International Fire Code Inspections – CF122.....

# COURSE LISTING

## MECHANICAL CODES

- General Mechanical and Gas Code Concepts – CM100.....
- Residential Mechanical and Gas Principles and Code Applications – CM101.....
- Commercial Mechanical and Gas Principles and Code Applications – CM102.....
- Commercial Mechanical and Gas Plans Review – CM103.....
- Overview of the International Mechanical and Fuel Gas Code – CM104.....
- Gas, Pipe and Sizing Workshop – CM105.....
- Commercial Mechanical and Gas Principles and Code Applications – CM108.....
- Mechanical Ventilation and Exhaust – CM109.....

## PLUMBING CODES

- General Plumbing Code Concepts – CP100.....
- Residential Plumbing Principles and Code Applications - CP101.....
- Commercial Plumbing Principles and Code Applications – CP102.....
- Commercial Plumbing Plans Review – CP103.....
- Overview of the International Plumbing Code – CP104.....
- Performing Combination Plumbing Inspections – CP107.....
- Traps, Interceptors, Separators and Special / Indirect Waste – CP108.....
- Piping Protection and Structural Support – CP109.....

## PLANNING AND ZONING

- Powers and Duties of the Planning Commission / Zoning Board of Appeals – CPZ100.....
- Land Subdivision – CPZ101.....
- Parliamentary Procedure – CPZ102.....
- Public Hearing Procedures – CPZ103.....
- Public Buildings – CPZ104.....
- Wireless Telecommunications Facilities – CPZ105.....
- Land Use – CPZ106.....
- Historical Buildings: Zoning and Rehabilitation – CPZ107.....
- Public Hearing Procedures (4 hours) – CPZ108.....
- Effective Enforcement of Land Use Regulations - CPZ109.....
- Codes Enforcement Certification Information.....





# COURSE DESCRIPTIONS

## CODES ENFORCEMENT

### INTRODUCTION TO CODES PRINCIPLES AND APPLICATIONS – C100

This course provides code enforcement officials with an overview and application of building and fire codes and how codes are interpreted. Topics include terminology, construction types, code familiarization, plans review, and enforcement methods.

Course Hours: 21  
Course Fee: \$162.00

### COMPUTERS IN CODES ENFORCEMENT – C101

This course concentrates on computer applications in the code enforcement discipline and covers terminology, security, electronic mail, word processing, spread sheets, code enforcement software, and storing, retrieving and compiling data.

Course Hours: 14  
Course Fee: \$108.00

### LEGAL ASPECTS OF CODE ADMINISTRATION – C102

This course provides code enforcement officials with a broad understanding of national and state laws affecting property and code compliance. Topics include administrative law, property law, liability, and negligence.

Course Hours: 7  
Course Fee: \$54.00

### ZONING INSPECTOR AND PROPERTY STANDARDS – C103

This course covers the fundamentals of interpreting zoning and property standards. Topics include receiving and recording complaints, complaint investigations, identifying violations, issuing notices, evidence file development, public presentations and providing information to the public.

Course Hours: 7  
Course Fee: \$54.00

### HOW TO PREPARE FOR A CERTIFICATION EXAM – C104

This course provides the student with general preparatory information for certification examinations. Topics include the use of reference books and materials, exam format, compiling a study guide and maximizing study time.

Course Hours: 7  
Course Fee: \$54.00

### RULES AND REGULATIONS GOVERNING CONTRACTORS, ENGINEERS AND ARCHITECTS – C105

This course covers the rules, regulations and state laws that govern contractors, engineers and architects. Topics include licensing requirements, projects that require licensed contractors, engineers or architects, and violations and penalties.

Course Hours: 7  
Course Fee: \$54.00



## **INTRODUCTION TO PLANS REVIEW – C106**

This course provides instruction in basic blueprint reading skills including terminology and symbols, site plans, floor plans, and elevation and cut details.

Course Hours: 28  
Course Fee: \$216.00

## **APPLICATIONS OF CODE MATHEMATICS – C107**

This course presents the fundamentals of code mathematics, math calculations and conversions. Building calculations include allowable height and area, square footage and cubic footage of areas that are rectangular and non-rectangular having flat and vaulted roofs or ceilings, occupant load, and egress requirements. Plumbing calculations include occupant loads, fixture requirements and fixture loads, and pipe sizing. Mechanical calculations include unit sizing, duct and register sizing, and allowable lengths of ducts. Electrical calculations include voltage drop, box fill and conduit fill.

Course Hours: 7  
Course Fee: \$54.00

## **ACCESSIBILITY INSPECTOR AND RELATED CODE APPLICATIONS – C108**

This course concentrates on construction, installation, inspection requirements, techniques, and the procedures necessary to provide the knowledge needed to assure the minimum code requirements for barrier free design are met. Topics include accessibility requirements, fixture locations, and travel distances.

Course Hours: 7  
Course Fee: \$54.00

## **CERTIFIED BUILDING OFFICIAL LEGAL AND MANAGEMENT – C109**

This course provides codes enforcement administrators with the organizational, regulatory and reporting aspects of management. Topics include administrative management, financial management, records management and personnel management. Additional topics include definitions, code adoption, code enforcement, land use and property standards, and due process.

Course Hours: 14  
Course Fee: \$108.00

## **CERTIFIED BUILDING OFFICIAL TECHNOLOGY – C110**

This course will provide the student with an overview of the technical codes. Architectural, structural and building systems plans review procedures are addressed. Additional topics include definitions, code enforcement and code interpretations.

Course Hours: 21  
Course Fee: \$162.00

## **SIGNIFICANT CODE CHANGES - C111**

This course covers the most significant code changes approved during the most recent code change cycle. It also explains the code change process and how to participate.

Course Hours: 7  
Course Fee: \$54.00





## OVERVIEW OF THE INTERNATIONAL ENERGY CONSERVATION CODE (RESIDENTIAL) – C112

This overview course provides the student with a working knowledge of the International Energy Conservation Code based on residential requirements. Topics include construction, installation requirements and inspections. Additional topics include forms and checklists.

Course Hours: 7  
Course Fee: \$54.00

## OVERVIEW OF THE INTERNATIONAL RESIDENTIAL CODE – C113

This overview course provides the student with basic knowledge of the most current edition of the International Residential Code. Topics include the major components of the structural, mechanical/gas, plumbing and electrical requirements.

Course Hours: 7  
Course Fee: \$54.00

## INSPECTION OF STORAGE OCCUPANCIES – C114

This course provides codes enforcement officials with a broad understanding of the rules and regulations affecting code compliance in storage occupancies. Topics include types of storage occupancies and regulations for hazardous and non-hazardous storage.

Course Hours: 7  
Course Fee: \$54.00

## MAZE OF WALLS – C117

This course examines the fundamentals of wall inspections and is separated into two sessions. The first session examines fire walls, fire barriers, fire partitions, party walls and corridors and their construction, continuity and code requirements. The second session details the requirements in the International Residential Code for wall bracing; what materials are permitted and in what situations and the fastening requirements for each application.

Course Hours: 7  
Course Fee: \$54.00

## HAZARDOUS MATERIALS – C124

This class is devoted to gaining insight into dealing with hazardous materials, both liquid and solid. Topics include material classification, storage and dispensing, allowable quantities and handling

Course Hours: 7  
Course Fee: \$54.00

## BUILDING CODES

### BUILDING INSPECTOR I – CB100

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the ICC, Commercial Building Inspector Exam. This course is taught using the ICC format and provides the student with the knowledge and skills needed to examine buildings and structures for compliance with the International Building Code. Topics include structural components, non-structural components and inspection / enforcement methods.

Course Hours: 35  
Course Fee: \$270.00\*

*\*This basic course will be reduced to \$48.00 to qualified individuals if funds are available. Contact TFACA for more information.*



## **BUILDING INSPECTOR II – CB101**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial construction are met. This is an intermediate course dealing with complex construction and fire protection requirements for single and multi-story buildings in excess of 60,000 total square feet.

Course Hours: 21  
Course Fee: \$162.00

## **RESIDENTIAL BUILDING PRINCIPLES AND CODE APPLICATIONS – CB102**

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the ICC, Residential Building Inspection exam. Topics include an understanding of simple residential construction, primarily wood frame construction. Additional topics include foundation walls, structural components, means of egress and fire separation requirements.

Course Hours: 35  
Course Fee: \$270.00\*

*\*This basic course will be reduced to \$48.00 to qualified individuals if funds are available. Contact TFACA for more information.*

## **COMMERCIAL BUILDING PRINCIPLES AND CODE APPLICATIONS – CB103**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial construction are met. This is an advanced course dealing with complex construction and fire protection requirements of single and multi-story buildings of unlimited height and area requirements.

Course Hours: 21  
Course Fee: \$162.00

## **PROPERTY MAINTENANCE AND HOUSING CODE APPLICATIONS – CB104**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge to assure that rehabilitated residential structures comply with the minimum requirements. Topics include the rehabilitation process, construction materials, fundamentals of construction, and fundamentals of equipment systems.

Course Hours: 7  
Course Fee: \$54.00

## **EXISTING BUILDING PRINCIPLES AND CODE APPLICATIONS – CB105**

This course provides the basic knowledge and skills to guide the inspection of existing buildings and structures. Topics include inspection practices and procedures, fire prevention application, and building maintenance applications.

Course Hours: 7  
Course Fee: \$54.00

## **MODEL ENERGY CODE PRINCIPLES AND CODE APPLICATIONS – CB106**

This is a comprehensive course which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements of the model energy code are met. Topics include buildings that must comply, forms and checklists, and the compliance process.





Course Hours: 7  
Course Fee: \$54.00

### **COMMON EXCAVATING AND GRADING REQUIREMENTS – CB107**

This course covers excavation and grading requirements. Topics include terminology, cuts, fills, slopes, materials, drainage, terracing and erosion controls.

Course Hours: 7  
Course Fee: \$54.00

### **BUILDING CONSTRUCTION COMBUSTIBLES AND NON-COMBUSTIBLES – CB108**

This course provides an understanding of combustibles and non-combustible construction materials. Non-combustible materials include steel, concrete, and masonry products. Combustible materials include wood, laminated veneer lumber, paper, and plastics. Other topics include interior wall coverings and fire retardant materials.



Course Hours: 7  
Course Fee: \$54.00

### **PROPERTIES OF WOOD FRAME CONSTRUCTION – CB109**

This course concentrates on principles and procedures for determining the design values for wood frame construction. Topics include the appropriate method for using basic code-referenced design documents to determine correct design values for floor, wall and roof framing components. Construction practices and inspection requirements are also discussed.

Course Hours: 7  
Course Fee: \$54.00

### **STRUCTURAL STEEL INSPECTION AND CODE APPLICATIONS – CB110**

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for the installation of structural steel are met. Topics include terminology, steel shapes and sizes, and identification of welds, cables and bolts.

Course Hours: 7  
Course Fee: \$54.00

### **MANUFACTURED / MODULAR HOME PRINCIPLES AND CODE APPLICATIONS – CB111**

This course concentrates on construction, installation, inspection requirements, techniques, procedures, and the technical knowledge needed to assure the minimum requirements for manufactured and modular homes are met. Topics include terminology, factory standards, and foundation/anchoring/permit requirements.

Course Hours: 7  
Course Fee: \$54.00

### **NON-STRUCTURAL PLANS REVIEW – CB112**

This course concentrates on fire and life safety design and construction requirements to assure that the minimum requirements for occupancy classification, building parameters, construction type, separation requirements, means of egress and fire protection requirements are met. This course focuses primarily on commercial construction.



Course Hours: 21  
Course Fee: \$162.00

### **SPECIAL OCCUPANCY PLANS REVIEW AND CODE APPLICATIONS – CB113**

This course concentrates on construction, installation, and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements are met. Topics include terminology, egress requirements, tenant separation requirements and fire protection requirements.

Course Hours: 7  
Course Fee: \$54.00

### **SEISMIC INSPECTION AND PLANS REVIEW – CB114**

This is a comprehensive course, which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge to assure that the minimum requirements for seismic standards are met. Topics include terminology, building code seismic requirements, seismic maps and seismic anchoring requirements.

Course Hours: 14  
Course Fee: \$108.00

### **MEANS OF EGRESS – CB115**

This course concentrates on construction, inspection requirements, techniques and procedures and the technical knowledge needed to assure minimum requirements of egress related elements of building construction are met. A review of the applicable requirements of residential and commercial construction is included.

Course Hours: 7  
Course Fee: \$54.00

### **CONCRETE AND MASONRY PRINCIPLES AND CODE APPLICATIONS – CB116**

This course concentrates on construction and inspection requirements, techniques and procedures and the technical knowledge needed to assure minimum requirements for the installation of concrete or masonry components are met. Additional concentration on soil properties, special soil conditions, footings, foundation walls, and retaining walls of both residential and commercial applications is also included.

Course Hours: 7  
Course Fee: \$54.00

### **PERFORMANCE BASED EQUIVALENCY EVALUATIONS – CB117**

This course provides building plan reviewers with the knowledge of construction material standards and substitutes for those standards. Topics include alternative construction materials and properties, equivalency criteria and applications, and procedures for approving substitutes.

Course Hours: 7  
Course Fee: \$54.00

### **SEISMIC AND WIND BRACING REQUIREMENTS FOR WOOD FRAME CONSTRUCTION – CB118**

This course provides the information necessary to the student to properly understand and use the Standard Building Code (SBC), International Residential Code (IRC) and the International Building Code (IBC) for





wood-frame construction of walls. The student gains knowledge on the proper techniques for framing with traditional and engineered wood products. Standards referenced in the code will be reviewed and their application will be illustrated. Special attention is given to engineered wood products. Particular areas of emphasis include installation requirements unique features peculiar to braced wall requirements for seismic-resistive construction. The purpose of this course is to provide the student with the required information needed to enable him/her to be familiar with and understand the SBC, IRC and IBC conventional wood-frame construction and engineered wood-frame construction with respect to wall bracing and framing.

Course Hours: 7  
Course Fee: \$54.00

### **CHANGE OF OCCUPANCY CODE APPLICATIONS – CB119**

This course covers the review procedures that should be followed if a change of occupancy is made. Types of construction, occupancy classifications and means of egress requirements are covered. Other topics include fire protection systems, rated assemblies and occupant loads.

Course Hours: 7  
Course Fee: \$54.00

### **SPECIAL USES AND MIXED OCCUPANCIES – CB120**

This course focuses on the particular details of special uses and mixed occupancy classifications. Unique building designs are thoroughly discussed. Covered malls, high-rises, underground buildings and atriums, among others, are examined. Additional topics include explanations and exercises involving incidental uses and mixed occupancies.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF THE INTERNATIONAL BUILDING CODE – CB121**

This course familiarizes the student with International Building Code. Topics include an emphasis on allowable areas and an understanding of the height and area requirements. Fire protection and construction requirements and the means of egress are also discussed.

Course Hours: 7  
Course Fee: \$54.00

### **COMPARISON OF STANDARD BUILDING CODE 1997 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB122**

This course discusses the differences that exist between the 1997 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods.

Course Hours: 7  
Course Fee: \$54.00

### **COMPARISON OF STANDARD BUILDING CODE 1999 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB123**

This course discusses the differences that exist between the 1999 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods.



Course Hours: 7  
Course Fee: \$54.00

### **FIRE DESIGN AND MEANS OF EGRESS: COMPARISON OF THE STANDARD BUILDING CODE TO THE INTERNATIONAL BUILDING CODE (2003 ed.) – CB124**

This course focuses on the comparison between the Standard Building Code (1997 and 1999 editions) and the International Building Code (2003 edition). An analysis of the critical facets of building design and construction are examined. Additional topics include components of fire design and the means of egress.

Course Hours: 7  
Course Fee: \$54.00

### **COMPARISON OF STANDARD BUILDING CODE 1999 EDITION (RESIDENTIAL PROVISIONS) TO INTERNATIONAL RESIDENTIAL CODE (2003 ed.) – CB125**

This course discusses the differences that exist between the 1999 Standard Building Code and the International Residential Code 2003 edition. Topics include the differences between building planning, wood frame construction and alternative construction materials and methods. This course is a condensed version of Comparison of Standard Building Code 1999 Edition (Residential Provisions) to International Residential Code (2003 ed.) – CB123

Course Hours: 4  
Course Fee: \$30.00

### **DAY CARE OCCUPANCIES – CB127**

This course is intended to enlighten students in the confusing area of child and adult day care occupancies. Distinguishing between the day care classifications of R-3, E, 1-2 or 1-4 occupancy, as well as examining the requirements for each is the focus of the course. The course also explores the controversial concept of mother's-day-out.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF THE INTERNATIONAL EXISTING BUILDING CODE AND THE INTERNATIONAL PROPERTY MAINTENANCE CODE – CB128**

Using the International Existing Building Code and the International Property Maintenance Code, this course covers topics including: department administration, property upkeep light and ventilation requirements, and minimum standards for plumbing and mechanical fixtures. This course is helpful to the officials in the conversion of existing buildings as well as property maintenance.

Course Hours: 7  
Course Fee: \$54.00

### **NON-STRUCTURAL PLANS REVIEW CHECKLIST – CB129**

This course focuses on the proper and thorough review of construction plans. Topics include: public safety issues, such as the number of exits, exit arrangements, and stair and ramp design.

Course Hours: 7  
Course Fee: \$54.00

### **STICKS AND BRICKS – CB132**

This course is designed to show contractors and inspectors the significant changes to the International





Residential Code. Topics include: the changes, what remains the same and how it impacts typical house construction.

Course Hours: 7  
Course Fee: \$54.00

### **2006 INTERNATIONAL BUILDING CODE: CODE CHANGES – CB134**

This course focuses on the significant changes to the 2006 International Building Code and helps to remind students of those code sections that remain the same.

Course Hours: 7  
Course Fee: \$54.00

### **FUNDAMENTALS OF THE INTERNATIONAL BUILDING CODE – CB135**

This course is specifically designed to guide students through the critical chapters of the International Building Code, including chapters 3, 5-7 and 10. Topics include: occupancy classifications, height and area modifications, construction types and means of egress.

Course Hours: 7  
Course Fee: \$54.00

### **BUILDING FUNDAMENTALS OF THE 2006 INTERNATIONAL RESIDENTIAL CODE – CB136**

The first ten chapters of the International Residential Code are the focus of this course. Students should be prepared to participate in an in-depth study of footings, wood and steel framing, as well as building safety code requirements.

Course Hours: 7  
Course Fee: \$54.00

### **AREA MODIFICATIONS IN THE 2006 INTERNATIONAL BUILDING CODE – CB137**

This course focuses area modifications, occupancy types and IBC Table 503. Students learn proper calculations that allow a building to exceed the values of Table 503.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF THE 2006 INTERNATIONAL BUILDING CODE – CB138**

This course familiarizes the student with the 2006 International Building Code. Particular emphasis is placed on allowable areas, the new fire protection requirements and means of egress.

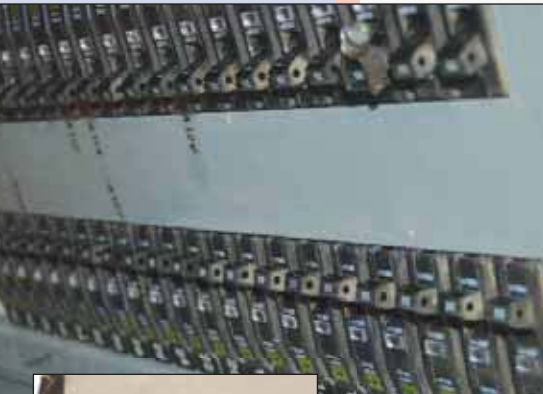
Course Hours: 7  
Course Fee: \$54.00

## **ELECTRICAL CODES**

### **GENERAL ELECTRICAL CODE CONCEPTS – CE100**

This course provides the student with a general overview of the National Electrical Code (NEC). It covers the basic concepts for construction, installation, inspection requirements, techniques and procedures. Code requirements related to planning and construction for residential and commercial construction are discussed.

Course Hours: 7  
Course Fee: \$54.00



## **RESIDENTIAL ELECTRICAL PRINCIPLES AND CODE APPLICATIONS – CE101**

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure compliance with the national electrical code requirements related to planning and construction for residential construction.

Course Hours: 14  
Course Fee: \$108.00

## **COMMERCIAL ELECTRICAL PRINCIPLES AND CODE APPLICATIONS – CE102**

This course focuses on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that compliance with the minimum national electrical code requirements related to planning and construction for commercial construction are met.

Course Hours: 21  
Course Fee: \$162.00

## **COMMERCIAL ELECTRICAL PLANS REVIEW – CE103**

This course concentrates on design and construction requirements to assure that the minimum requirements for materials, wire size, conduit requirements, voltage drop, panel size, and penetrations of rated assemblies are met. The course deals primarily with electrical applications in commercial buildings.

Course Hours: 21  
Course Fee: \$162.00

## **COMMERCIAL ELECTRICAL INSPECTOR – CE104**

This course is designed to teach students the National Electrical Code, particularly relevant to the area of commercial electrical inspections. This is an excellent way to help prepare students for the Commercial Electrical Inspector certification examination. Topics include: wiring methods and materials, box fill and load calculations.

Course Hours: 7  
Course Fee: \$54.00

## **GROUNDING PRINCIPLES – CE106**

This course returns to the basics of grounding and bonding systems. Topics include the purpose of grounding and bonding systems, alternatives to grounding systems, grounded systems and resistance.

Course Hours: 7  
Course Fee: \$54.00

## **ELECTRICAL CODE AND CALCULATIONS – CE107**

This course covers terms critical to the National Electric Code including: box fill, voltage drop and over-current protection. A focal point to this course is performing and simplifying the calculations fundamental to the use of the National Electrical Code.

Course Hours: 7  
Course Fee: \$54.00

- For additional training options in fire codes, please see the fire section of this training catalog.





## FIRE CODES

### **FIRE INSPECTOR I – INTERNATIONAL CODE COUNCIL (ICC) – CF100 ICC**

This class is taught using the ICC format and provides students with the knowledge and skills necessary to examine buildings and structures for compliance with fire code. Topics include: complex fire protections systems, building construction, life safety codes, and inspections/enforcement methods.

Course Hours: 35  
Course Fee: \$270.00\*

*\*This basic course will be reduced to \$48.00 to qualified individuals if funds are available. Contact TFACA for more information.*

### **FIRE INSPECTOR I – NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) – CF100 NFPA**

This course is designed as a preparatory course to assist the new inspector in preparing to sit for the NFPA Fire Inspector I Exam. This course is taught using the NFPA format and provides the student with the knowledge and skills necessary to examine buildings and structures for compliance with NFPA standards and the International Fire Service Training Association (IFSTA) Manual. Topics include private fire protection systems, building construction, life safety codes, and inspection/enforcement methods.

Course Hours: 35  
Course Fee: \$270.00\*

*\*This basic course will be reduced to \$48.00 to qualified individuals if funds are available. Contact TFACA for more information.*

### **FIRE INSPECTOR II – INTERNATIONAL CODE COUNCIL (ICC) – CF101 ICC**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to ensure minimum requirements are met. This advanced course deals with complex construction and fire protection systems using the International Code Council format. The course provides the student with the knowledge and skills necessary to examine buildings and structures for compliance with the International Fire Code and the International Building Code. Topics include private fire protection systems, building construction and inspection/enforcement methods.

Course Hours: 28  
Course Fee: \$216.00  
Prerequisite: Recommend Fire Inspector I (ICC) – CF101 ICC **OR**  
Fire Inspector I (NFPA) - CF101 NFPA

### **FIRE INSPECTOR II – NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) – CF101 NFPA**

This course is taught using the NFPA format and concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to ensure that the minimum requirements are met. This is an advanced course dealing with complex construction and fire protection systems. Topics include protective systems and equipment, building fire safety, hazardous materials and special hazards.

Course Hours: 28  
Course Fee: \$216.00  
Prerequisite: Recommend Fire Inspector I (ICC) – CF101 ICC **OR**  
Fire Inspector I (NFPA) - CF101 NFPA



## **FIRE SAFETY PLANS REVIEW – CF102**

This is a comprehensive course, which concentrates on design and construction requirements to assure that the minimum requirements for fire safety are met. Topics include terminology, site requirements, hazardous materials, protection systems, special hazards, and National Fire Protection Association (NFPA) standards.

Course Hours: 28  
Course Fee: \$216.00

## **BUILDING FIRE PROTECTION SYSTEMS – CF103**

This is a comprehensive course which concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum standards for building fire protection systems are met. Topics include terminology, standpipes, types of sprinkler systems, types of alarm systems, system tests, water pressure and hydrants, and required inspections.

Course Hours: 7  
Course Fee: \$54.00

## **FIRE PROOFING METHODS AND PROTECTION OF RATED ASSEMBLIES – CF104**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum requirements related to fire proofing and protection of rated assemblies are met. It includes a review of applicable residential and commercial construction requirements.

Course Hours: 7  
Course Fee: \$54.00

## **FIRE SPRINKLER DESIGN AND PLANS REVIEW – CF105**

This course provides inspectors with the knowledge and skills necessary to review the design and operation of fire sprinkler systems. Topics include types of sprinkler systems, standpipe systems, water supply and pressure, installation and maintenance requirements, and inspection.

Course Hours: 14  
Course Fee: \$108.00

## **NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE PRINCIPLES – CF106**

This is a comprehensive course, which concentrates on construction, installation and inspection requirements, techniques and procedures and the technical knowledge needed to assure that the minimum requirements are met. Topics include terminology, plans review, building construction, egress requirements, occupancy classifications, and building protection systems.

Course Hours: 21  
Course Fee: \$162.00

## **STORAGE TANKS FOR COMBUSTIBLES PRINCIPLES AND CODE APPLICATIONS – CF107**

This course concentrates on construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that minimum requirements are met. Topics include terminology, site requirements, materials, above and below ground tanks, hazardous and non-hazardous combustible materials and containment requirements.





Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF THE INTERNATIONAL FIRE CODE – CF108**

This course provides the student with a working knowledge of the International Fire Code. Topics include requirements for occupancy, building construction, fire service features of buildings, fire protections systems and means of egress requirements.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 72 (2002) NATIONAL FIRE ALARM CODE – CF109**

This course addresses changes in the 2002 edition of the National Fire Protection 72 National Fire Alarm Code including: installation of household fire warning devices, types of detection, and notification equipment. Topics include: monitoring, power supply, testing and maintenance. The course additionally addresses current issues in fire protection such as evacuation, security and integrated building systems.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 30 AND 33: FLAMMABLE AND COMBUSTIBLE LIQUIDS AND SPRAY OPERATIONS – CF110**

This course examines typical problems associated with the use of flammable and combustible liquids and addresses the specific code requirements of NFPA 30 and 33 regulating their use. The use of flammable and combustible liquids in industrial applications is covered. Topics include proper storage and handling requirements, ventilation and proper fire protection requirements.

Course Hours: 7  
Course Fee: \$54.00

### **OVERVIEW OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE PRINCIPLES (101) – CF111**

This overview of the Life Safety Code covers construction, installation and inspection requirements, techniques and procedures, and the technical knowledge needed to ensure minimum requirements are met. Topics include terminology, plans review, building construction, egress requirements, occupancy classification, and building protection systems

Course Hours: 7  
Course Fee: \$54.00

### **MEANS OF EGRESS IN THE LIFE SAFETY CODE AND THE INTERNATIONAL BUILDING CODE (IBC) – CF112**

This course is designed to show the similarities and differences between the Life Safety Code (NFPA 101) and the 2003 International Building Code (IBC), specifically, means of egress requirements. Topics include occupant load, egress width, door and stair requirements, and exit passageways.

Course Hours: 7  
Course Fee: \$54.00

### **NATIONAL FIRE PROTECTION (NFPA) 58, LP GAS CODE – CF113**

This course allows the student to understand the NFPA 58 LP Gas Code for safe use, installation and applications of LP Gas systems. Students will gain the knowledge necessary to inspect these systems.



Course Hours: 7  
Course Fee: \$54.00

### **2006 INTERNATIONAL FIRE CODE (IFC): CODE CHANGES – CF115**

This course focuses on the significant changes to the International Fire Code and what has remained unchanged. Topics include fire service features, fire resistant rated construction and means of egress.

Course Hours: 7  
Course Fee: \$54.00

### **NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 25: INSPECTING SPRINKLER SYSTEMS – CF116**

This course demonstrates and explains the procedures that must be followed to maximize the reliability and performance of fire protection devices. Topics include inspection, testing and maintenance of water-based fire protection systems.

Course Hours: 7  
Course Fee: \$54.00

### **LIFE SAFETY CODE FUNDAMENTALS – CF117**

The Life Safety Code deals with new and existing buildings to ensure the safety of the inhabitants. This course explains the use and applications of the Life Safety Code, and assists the inspector in ensuring public safety in the built environment.

Course Hours: 7  
Course Fee: \$54.00

### **PERFORMING INTERNATIONAL FIRE CODE (IFC) INSPECTIONS – CF118**

This course is designed to improve the inspection skills of fire and building inspectors by providing an in-depth study of inspections based on the International Fire Code. Topics include: emergency planning and preparedness, fire service features, means of egress, and occupancy specific requirements.

Course Hours: 21  
Course Fee: \$162.00

### **OVERVIEW OF THE 2006 INTERNATIONAL FIRE CODE (IFC) – CF119**

This course familiarizes the student with the 2006 IFC code. Particular emphasis is placed on allowable areas, the new fire protection requirements and means of egress.

Course Hours: 21  
Course Fee: \$162.00

### **VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS – CF120**

This course covers the minimum fire safety requirements (preventative and operative) related to the design, installation and operation in commercial cooking environments. Topics include: inspection and maintenance of all private and public cooking operations.

Course Hours: 7  
Course Fee: \$54.00





### **HIGH PILED COMBUSTIBLE STORAGE – CF121**

This course prepares students to perform fire inspections on mercantile or storage occupancies with high-piled combustibles. Topics include: commodity classification, details of rack and automated storage, and specific fire protection requirements.

Course Hours: 7  
Course Fee: \$54.00

### **PERFORMING INTERNATIONAL FIRE CODE (IFC) INSPECTIONS – CF122**

This course is an overview study of inspections based on the International Fire Code and is designed to improve the inspection skills for fire and building inspectors.

Course Hours: 7  
Course Fee: \$54.00

## **MECHANICAL CODES**

### **GENERAL MECHANICAL AND GAS CODE CONCEPTS – CM100 PAGE 61**

This course gives the student an overview of mechanical and gas installations and covers the basic concepts for construction, installation and inspection requirements, techniques, and procedures. Code requirements related to planning and construction for residential and commercial systems are discussed.

Course Hours: 7  
Course Fee: \$54.00

### **RESIDENTIAL MECHANICAL AND GAS PRINCIPLES AND CODE APPLICATIONS – CM101**

This course focuses on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements for residential mechanical installations are met. The fundamentals of heat and air conditioning systems, terminology, and performing various calculations are also covered.

Course Hours: 14  
Course Fee: \$108.00

### **COMMERCIAL MECHANICAL AND GAS PRINCIPLES AND CODE APPLICATIONS – CM102**

This course concentrates on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial mechanical installations are met. This course deals with combustion and venting, materials and fittings, duct and venting systems, and fire protection requirements.

Course Hours: 21  
Course Fee: \$162.00

### **COMMERCIAL MECHANICAL AND GAS PLANS REVIEW – CM103**

This course concentrates on design and construction requirements to assure that the minimum requirements for materials, duct size, unit size, gas pipe size and penetrations of rated assemblies are met. This course deals primarily with mechanical and gas applications as related to commercial structures.

Course Hours: 21  
Course Fee: \$162.00



## OVERVIEW OF THE INTERNATIONAL MECHANICAL AND FUEL GAS CODE – CM104

This course covers the basics of the International Mechanical Code and the International Fuel Gas Codes. The overview will help the student in understanding and applying these codes. Topics include piping (including sizing), exhaust systems, definitions, combustion air calculations, and chimneys and vents.

Course Hours: 7  
Course Fee: \$54.00

## GAS, PIPE AND VENT SIZING WORKSHOP – CM105

This course provides the student with a working ability to size and inspect gas piping and vents. The course also allows the student an understanding of the common terms and their application to gas pipe sizing. Additional topics include how to plan, size and inspect gas piping, and inspect chimneys, vent connectors and vents for single and multiple fuel burning appliances.

Course Hours: 7  
Course Fee: \$54.00

## COMMERCIAL MECHANICAL AND GAS PRINCIPLES AND CODE APPLICATIONS – CM108

This class examines the commercial (non-residential) applications of international mechanical gas codes. Topics include: combustion air, make-up air, pipe materials, pipe sizing, and duct, venting and exhaust systems.

Course Hours: 7  
Course Fee: \$54.00

## MECHANICAL VENTILATION AND EXHAUST – CM109

This course is devoted to mechanical ventilation and exhaust. Areas of emphasis include: installation, protection of the public safety, combustion air calculations, and exhaust methods that comply with the International Mechanical Code.

Course Hours: 7  
Course Fee: \$54.00

## PLUMBING CODES

### GENERAL PLUMBING CODE CONCEPTS – CP100

This course provides the student an overview of plumbing installation concepts and covers the basic concepts for construction, techniques and procedures, installation and inspection requirements. Code requirements related to planning and construction for residential and commercial construction are also discussed.

Course Hours: 7  
Course Fee: \$54.00

### RESIDENTIAL PLUMBING PRINCIPLES AND CODE APPLICATIONS – CP101

This course focuses on construction and inspection requirements, techniques and procedures, and the technical knowledge needed to assure the minimum requirements for residential plumbing are met. This course deals with the use of the code, basic plumbing terminology, and how to perform various plumbing calculations.

Course Hours: 14  
Course Fee: \$108.00





## COMMERCIAL PLUMBING PRINCIPLES AND CODE APPLICATIONS – CP102

This course concentrates on construction, inspection requirements, techniques and procedures, and the technical knowledge needed to assure that the minimum requirements for commercial plumbing are met. This course pertains to general regulations, materials, required fixtures, drainage and venting principles, and storm drain requirements.

Course Hours: 21  
Course Fee: \$162.00

## COMMERCIAL PLUMBING PLANS REVIEW – CP103

This is a comprehensive course that concentrates on design and construction requirements to assure that the minimum requirements for materials, water pressure, pipe sizing, and protection of penetrations in rated assemblies are met. This course focuses primarily on plumbing applications in commercial buildings.

Course Hours: 21  
Course Fee: \$162.00

## OVERVIEW OF THE INTERNATIONAL PLUMBING CODE – CP104

This overview provides the student with a working knowledge of the International Plumbing Code and covers construction requirements, inspection requirements and techniques and procedures. The course pertains to general regulations, materials, required fixtures, drainage and venting principles and storm drain requirements.

Course Hours: 7  
Course Fee: \$54.00

## PERFORMING COMBINATION PLUMBING INSPECTIONS – CP107

This course is designed to give plumbers and inspectors an understanding of the requirements of the 2003 International Plumbing Code, as well as learn the differences between the 2003 International Plumbing Code and the 1997 Standard Plumbing Code.

Course Hours: 7  
Course Fee: \$54.00

## TRAPS, INTERCEPTORS, SEPARATORS AND SPECIAL / INDIRECT WASTE – CP108

This course provides the opportunity to learn about waste plumbing, specifically dealing with traps, interceptors, separators and special/indirect waste. This course will clarify the confusion of water supply piping, drainage, venting and plumbing for food waste.

Course Hours: 7  
Course Fee: \$54.00

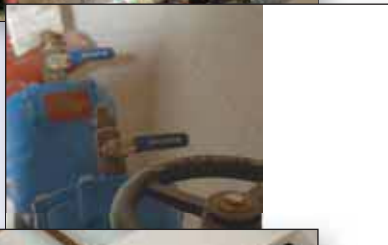
## PIPING PROTECTION AND STRUCTURAL SUPPORT – CP109

This is an in-depth class on how piping should be installed and protected against damages incurred during burial, construction and during the lifetime of the structure. Students will have a firm understanding of the installation process, protection from damaging forces and how to maintain the integrity of the structure. Additional topics include protection from seismic influences.

Course Hours: 7  
Course Fee: \$54.00

## RESIDENTIAL PLUMBING: TOP ONE-HUNDRED LIST- CP111

The narratives and discussions in this class are designed to organize and focus understanding of inspection



requirements and routines. This class elevates the students' level of competence, confidence and professionalism. Topics include service piping, distribution design and application, drain/waste/vent requirements, and protection of potable water.

Course Hours: 7  
Course Fee: \$54.00

### **VENT MASTER INTERNATIONAL PLUMBING CODE - CP112**

This class, Vent Master: Developing Mastery of Chapter Nine in the International Plumbing Code is an in-depth study of code requirements. The approved designs are studied with attention given to the details and specifics of the configurations and venting requirements.

Course Hours: 7  
Course Fees: \$54.00

### **2006 INTERNATIONAL BUILDING CODE: CHAPTERS 7, 8, AND 9 - CB139**

This course involves the student in the verification of all fire protection requirements of the 2006 International Building Code. Topics include construction techniques, protection levels and requirements, and fire protection systems. Students are instructed in the code requirements fire rated materials, and what and where fire protections systems are used.

Course Hours: 7  
Course Fees: \$54.00

## **PLANNING AND ZONING**

### **POWERS AND DUTIES OF THE PLANNING COMMISSION / ZONING BOARD OF APPEALS – CPZ100**

Local planning commissions and a zoning board of aPPEals play a vital role in any jurisdictions operation. Knowledge of their powers, duties, limits and abilities, as well as liabilities are critical to the effective operation of these boards. This course covers special use, conditional use, right-of-ways and variances. Additional topics include discussions of issues that are common to all such boards, as well as examining what may be specific and unique to the ordinance in your local community.

Course Hours: 2  
Course Fee: \$16.00

### **LAND SUBDIVISION – CPZ101**

One of the most common presentations to a planning commission is the submittal of plans for land subdivision. This course covers the requirements; from conception to build-out, detailing major and minor subdivisions, lot configuration, frontage, grave/cemetery encounters, right-of-ways, easements and surveying theory. Instruction includes the use of local subdivision regulations and continues with local and state regulations governing proper land subdivision.

Course Hours: 2  
Course Fee: \$16.00

### **PARLIAMENTARY PROCEDURE – CPZ102**

A working knowledge of Parliamentary Procedure helps planning commissions or zoning board of appeals obtain the tools required to effectively handle business. Motions, seconds, tabling, discussions and executive sessions are a few of the many items covered. Additional topics include records keeping, amending and withdrawing a motion, handling of citizens comments and what to do when chaos reigns.

Course Hours: 2  
Course Fee: \$16.00





### **PUBLIC HEARING PROCEDURES – CPZ103**

Protocol must be established in order to maintain a public hearing. This course offers time-tested guidance on proper methods of conducting a hearing and how best to deal with and resolve uncomfortable situations. Additional topics include records holding and advertising of public hearings to the intended audience.

Course Hours: 2  
Course Fee: \$16.00

### **PUBLIC BUILDINGS – CPZ104**

This course covers the fundamentals related to all public buildings. Code compliance, handicap accessibility, religious and public use in buildings is discussed. Additional topics include new construction requirements for designer and contractor qualifications.

Course Hours: 2  
Course Fee: \$16.00

### **WIRELESS TELECOMMUNICATIONS FACILITIES – CPZ105**

Wireless telecommunication towers are a common site. This course covers the requirements related to wireless telecommunications. Course topics include zoning, application, enabling legislation, required submittal documents, permitting, installation inspection and maintenance of wireless telecommunication towers.

Course Hours: 2  
Course Fee: \$16.00

### **LAND USE – CPZ106**

This course involves an introduction into local jurisdictions ability to regulate land use through zoning and shows the connection between the passings of land use regulations abilities from the Federal government to the state to local government. Instruction includes the restrictions placed on local governments to regulate communication equipment, group homes and manufactured homes (double wide mobile homes) by the state. Topics include information on how state laws protect non-conforming uses, sovereign immunity and how it applies to the different branches of government and when it must be recognized.

Course Hours: 2  
Course Fee: \$16.00

### **HISTORICAL BUILDINGS: ZONING AND REHABILITATION – CPZ107**

This course discusses the preservation of local governments' historical areas and encompasses the federal and state regulations as they pertain to obtaining jurisdiction as a recognized Historical Commission. Discussion also includes how to begin a historical district in your local community. Code provisions for maintaining and remodeling older, historical buildings are also covered.

Course Hours: 4  
Course Fee: \$32.00

### **PUBLIC HEARING PROCEDURES (4 HOURS) – CPZ108**

This class is an intensive study of the protocols that must be established in order to hold a public hearing. This course offers time-tested guidance on proper methods of conducting a hearing and how best to deal with and resolve uncomfortable situations. Additional topics include records holding and advertising public hearings to the intended audience.

Course Hours: 7  
Course Fee: \$54.00



## **EFFECTIVE ENFORCEMENT OF LAND USE REGULATIONS – CPZ109**

This course provides an in-depth study of the law as it applies to land use enforcement. Topics include: the powers to zone and regulate at the local level through powers granted by the Federal and State governments, flood plain use, floodway use, and zoning requirements and abilities.

Course Hours: 7  
Course Fee: \$54.00

## **CODES ENFORCEMENT CERTIFICATION INFORMATION**

For more information on Codes Enforcement certification, contact the National Fire Protection Association at [www.nfpa.org](http://www.nfpa.org), or the International Code Council at [www.iccsafe.org](http://www.iccsafe.org).

For information on Tennessee Fire and Building Codes Inspector Certification, contact the State Fire Marshals' Office at (615) 741-2981.

