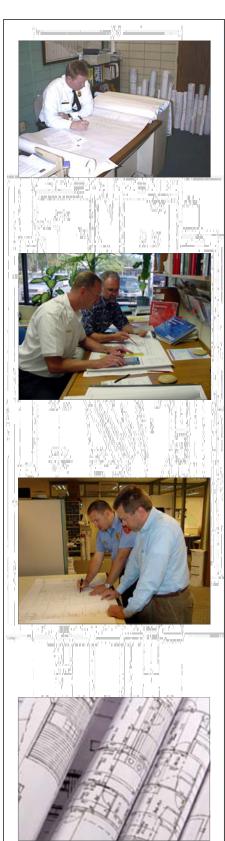


Office of State Fire Marshal

Protecting citizens, their property and the environment from fires and hazardous materials.



Fire Plan Examiner Preparation Course

Instructors:

Eric McMullen has 20 years of fire service experience with ten years of experience providing fire plan review. He currently has his ICC Fire Plans Examiner and ICC Fire Inspector II certificate.

Mike Thrapp has 27 years of fire service experience with more than 16 years experience providing fire plan review. He currently has his ICC Building Plans Examiner, ICC Fire Plans Examiner and ICC Fire Inspector II certificate.

Scope of Course:

The ICC Fire Plan Examiner Preparation course is intended to assist attendees in preparing for the ICC Fire Plans Examiner certification exam and to provide a base level of plan review methodology, skills, and experience.

This course will cover the applicable aspects of the 2006 International Fire Code, 2006 International Building Code, 2002 Edition of NFPA 72 and the 2002 Edition of NFPA 13 as they relate to plan review.

The course is designed to provide practical hands-on application including plan review, group tasks and presentations, subject exercises, and class discussions.

Course Content:

The ICC Fire Plan Examiner Preparation course is divided into nine modules:

Module 1: Plan Review Module 6: Fire Protection -

Module 2: Administration Sprinklers and Standpipes

Module 7: Hazardous Materials

Module 4: Fire Protection - Water

Module 8: Fire Protection - Fire Alarms

Supply and Extinguishers

Module 9: Specific Occupancy and

Module 5: Egress and Safety

Use Hazards

Note: Please see back page for additional details.

Student Materials:

Students will be provided a student manual on the first day of the training. Students are also expected to bring the following materials to class:

- Calculator (capable of exponent function)
- 2002 NFPA 13 Standard for the Installation of Sprinkler Systems
- 2002 NFPA 72 National Fire Alarm Code
- 2006 International Fire Code
- 2006 International Building Code

Day One, Eric McMullen		8 AM - 5 PM
Module 1: Plan Review		
ResourcesTools and equipmentExpectations	Documentation, policies, and interpretationsReview methodology	CorrespondencesPolicies and Procedures
Module 2: Administration		
Research and TestimonyPermits	RecordsEnforcement	
Module 3: Occupancies		
Occupancy types	 Occupancy uses 	Type of construction
Module 4: Fire Protection		
Water Supply	Fire Extinguishers	
Module 5: Egress and Safety		
Occupant LoadMeans of egress	Emergency and standby powerExit signage	Emergency lighting

Day Two, Eric McMullen		8 AM - 5 PM
Module 7: Hazardous Materials		
MSDS, HMMP Control areas	Special hazards	Flammable/combustible liquids
Module 9: Specific Occupancy and l	Jse Hazards	
Smoke control systemLumber Yards and Woodworking Facilities	Industrial OvensMotor Fuel DispensingTire Rebuilding and Tire Storage	Tents, Canopies and Other Membrane StructuresWelding and other Hot Works

Day Three, Mike Thrapp		8 AM - 5 PM		
Module 6: Fire Protection - Sprinklers and Standpipes				
SprinklersWhen requiredTypes of systems	System componentsHydraulicsNFPA 13, 13R, 13D	High-piled storagePlan review checklist		

Day Four, Mike Thrapp		8 AM - 5 PM		
Module 6: Fire Protection - Sprinkler and Standpipes Continued				
Sprinklers ~ continuedStandpipes	– When required– Types of systems	 Plan review checklist 		
Module 8: Fire Protection - Fire Ala	rms			
Fire Alarms When required	Types of systemsSystem components	Voltage dropPlan review checklist		
Module 9: Specific Occupancy and Use Hazards				
High-piled combustible storage	Semi-conductor facilities	Spray finishes		