



# SPECIALIZED FIRE ALARM TRAINING

Hosted by:

*AUTOMATIC FIRE ALARM ASSOCIATION*

January 23-24, 2018 - “Back to Basics” Understanding NFPA 72-2016: 2 Day Course

January 25, 2018 - Fire Alarm Plan Review Seminar NFPA 72-2016

### Training Location

Belton Fire Station 2  
16300 N. Mullen Rd.  
Belton, MO 64012

### Information and Online Registration

[www.FireAlarmTraining.org](http://www.FireAlarmTraining.org)



### Attend Both Seminars and Save!

Members/AHJ's save 15% Attend both seminars for- \$637.00  
Non-Members save 10% Attend both seminars for- \$898.00

### January 23 & 24, 2018 - 8 am to 4 pm

AHJ's and AFAA members - \$499 each  
3 or more - \$449 each  
Non-members - \$599 each  
3 or more - \$539 each

### January 25, 2018 - 8 am to 4 pm

AHJ's and AFAA members - \$250 each  
3 or more - \$225 each  
Non-members - \$399 each  
3 or more - \$338 each

### Double Play -

### Register for Both Seminars and Save

AHJ's and AFAA members - \$637 each  
Non-members - \$898 each

**Contact our office with questions at 614-416-8076 or [operations@afaa.org](mailto:operations@afaa.org)**

Course workbooks and handout materials are not guaranteed if registration occurs within a week of the start date.

Cancellation and refund policy: A full refund of the seminar registration fee may be obtained provided AFAA receives written notification at least 7 days prior to the start of the seminar. All other cancellations will be subject to a \$100 cancellation fee. “No-shows” are ineligible for refunds. Special circumstances will be handled on a case by case basis. Seminars are subject to cancellation when pre-registration fall below the minimum number of attendees.

AFAA cannot be responsible for losses resulting from cancellation of any seminar.

The Automatic Fire Alarm Association Inc. - 1-844-GET-AFAA (844-438-2322) – [www.afaa.org](http://www.afaa.org) – [admin@afaa.org](mailto:admin@afaa.org)



# **"BACK TO BASICS" UNDERSTANDING NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE (2 DAY COURSE) NFPA 72 2016 AFAA033**

## **COURSE OBJECTIVES**

This 2 day seminar reviews and explains the ever changing roles of fire alarm systems and how to apply NFPA 72 - The National Fire Alarm and Signaling Code for improved protection and compliance.

Students will be able to explain how building, fire, and life safety codes influence the requirements fire alarm systems. In addition, students will be able to determine how NFPA 72 is used to design, install, and maintain a fire detection and alarm system and how the Code is arranged. In addition to new technologies and major revisions in the Code, we will address the newest requirements for initiating devices, notification appliances, emergency control operations, power supplies, circuits, pathways and much more.

14 Contact Hours Continuing Education - Participant must attend entire seminar to receive credit.

## **WHO SHOULD ATTEND**

Fire Alarm System Designers / Installers / Contractors / Fire & Building Code Officials / Project Managers- to advance & expand fire alarm & signaling system knowledge & understanding

### **MATERIAL WE PROVIDE**

Student workbook / reference manual

### **MATERIAL YOU PROVIDE**

NFPA 72 2016 edition

**IMPORTANT - YOU MUST BRING A COPY OF NFPA 72 2016 OR ORDER A COPY FROM US**

**(If you ordering from AFAA please place the order 2 weeks prior to the course start date)**

*CEU hours for Engineers - The Registered Continuing Education Providers Program (RCEP) is a single comprehensive education management system for engineers, surveyors, design professionals and quality education providers. Managed by the American Council of Engineering Companies.*



**PREFERRED  
EDUCATION  
PROVIDER**



## **Fire Alarm Plan Review – AFAA036**

This application course describes the common problems associated with the plan review process and offers suggestions for improvement by providing plan review and acceptance test checklists, spreadsheets to determine battery and voltage drop calculations, determining proper spacing of smoke detectors, exercises to determine proper audibility of fire alarm notification appliances and proper sizing and placement of visible notification appliances, as well as reviewing new requirements for monitoring fire alarm systems. This seminar is intended for authorities having jurisdiction involved in fire alarm system plan review, contractors providing submittal documentation for plan review and fire alarm system designers. This seminar is based upon IBC-2015, NFPA 101-2015, NFPA 72-2016 and NFPA 70-2014( NEC).

### **COURSE OBJECTIVES**

1. Review the Requirements for Plan Review and Submittals based on the International Building Code and NFPA 72. 2. Review of pre-plan and plan review checklists examples 3. Review secondary power supply requirements including battery-set calculations 4. Review voltage-drop limits including voltage-drop calculations 5. Review smoke detector location and spacing requirements including practical exercises 6. Review fire alarm audible notification requirements including practical exercises 7. Review fire alarm visible notification requirements including practical exercises 8. Review of pre-acceptance/acceptance testing checklist examples.

7 Contact Hours Continuing Education - Participant must attend entire seminar to receive credit.

#### **MATERIAL WE PROVIDE**

Student workbook / reference manual

#### **MATERIAL YOU PROVIDED**

Calculator, pencils and note paper

*CEU hours for Engineers- The Registered Continuing Education Providers Program (RCEP) is a single comprehensive education management system for engineers, surveyors, design professionals and quality education providers. Managed by the American Council of Engineering Companies.*

