



**AUTOMATIC FIRE  
ALARM ASSOCIATION**  
Specialized Fire Alarm Training

Hosted By: Brighton Area Fire Authority

TRAINING SEMINARS

**February 20, 2020 8 am – 4 pm**

A Users Guide to Simplifying NFPA 72 - 2016  
and the NEC 2014

**February 21, 2020 8 am – 4 pm**

Fire Alarm Plan Review

Early Bird Registration Pricing:

AFAA Members: \$275/day

Non-Members: \$400/day

Early bird registration pricing **ends on February 3<sup>rd</sup>**.  
Any registrations made after that date will be charged  
a **\$50 late fee**.

For more information, please visit:

[www.afaa.org/michigan-training-information](http://www.afaa.org/michigan-training-information)

Not a member? Join and receive **instant**  
member discount!

Visit [www.afaa.org](http://www.afaa.org) to join today!

Please contact our office if you have and questions or concerns.

WHEN

FEBRUARY 20-21  
2020

WHERE

Brighton Area  
Fire Authority  
1580 S. Old US 23  
Brighton, MI 48114

INSTRUCTOR

Brad Cronin



Receive certificate for  
**7 contact hours** of  
con-ed per day!

**AHJ's can  
join for  
\$25**

Automatic Fire  
Alarm Association  
Inc.  
844-438-2322  
[www.afaa.org](http://www.afaa.org)  
[training@afaa.org](mailto:training@afaa.org)



# A User's Guide to Simplifying NFPA 72-2016 and the NEC-2014

In this interactive seminar, each participant will learn about the NICET Computer Based Testing (CBT) process, learn CBT testing tips and how to locate information in NFPA 72, 2016 more efficiently. In addition, the fire alarm wiring requirements of the 2014 NEC will be reviewed. NICET has updated the Fire Alarm Systems tests to these two codes, and this seminar is designed to prepare you to successfully obtain your certification. Sample quizzes will be given to use your new skills.

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

## Who Should Attend?

- Individuals preparing to take a NICET Fire Alarm Systems test (any level)
- Fire and Building Inspectors / Plan Reviewers / Contractors / Designers

## Materials We Provide

- Student Workbook



# Fire Alarm Plan Review

## Course Description

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).

7 hours of continuing education for this course. You must attend the entire seminar to receive credit.

## 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.

## Materials We Provide

- Student Workbook