



SPECIALIZED FIRE ALARM TRAINING

Hosted by: NORTHWEST AUTOMATIC FIRE ALARM ASSOCIATION

June 11, 2019 – 8:00 AM – 4:00 PM:
Inspection and Testing NFPA 72-2016

June 12, 2019 – 8:00 AM – 4:00 PM:
Prep for NICET Level II

June 13, 2019 – 8:00 AM – 4:00 PM:
Fire Alarm Plan Review

For more information, please visit:
<https://afaa.memberclicks.net/nw-afaa-training-information>

Training Location:

NECA-IBEW Electrical Training Center
16021 NE Airport Way
Portland, OR 97230

Registration now includes the code book that goes with our training seminar!

Join NW AFAA today and **save!**
\$99.99 for a one-year individual membership.
There is a discount code available for membership.
Please contact alex@afaa.org for the code.



Registration with Code Book:

AFAA Members: \$565
Non-Members: \$765*

Registration without Code Book:

AFAA Members: \$465
Non-Members: \$665*

*Each non-member that attends a training seminar, receives a one-year complementary membership.



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.



Inspection and Testing NFPA 72-2016 Seminar – AFAA031

Course Objectives

Upon completion of this seminar, each participant will be able to apply the proper inspection and testing requirements of NFPA 72-2016, National Fire Alarm and Signaling Code, Chapters 7 and 14.

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

Who Should Attend?

Fire and Building Officials involved in witnessing acceptance and reacceptance tests
Installers performing acceptance and reacceptance tests
Technicians performing periodic tests and inspections

Materials we provide

- Student Workbook
- Code book – NFPA 72-2016*

*If you registered and opted to have the code book included, that will be provided for you.



Prep for NICET Level II Seminar – AFAA039

Course Description

In this course, participants will take an in-depth look into the codes and standards referenced by NICET for fire alarm certification. The course is designed for anyone considering or preparing to take a NICET Level 2 Fire Alarm Systems certification exam or simply seeking additional knowledge of the codes and standards governing fire alarm design, installation and general work practices. The interactive nature of the course delivery and practical exercises will improve participants knowledge of the use and application of NFPA 72, the NEC, and the building and fire code requirements for fire alarm systems. In addition, attendees will have the opportunity to dialogue with instructors familiar with the certification and testing process.

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

Learning Objectives

- Understanding the purpose, scope, structure, layout, and application of NFPA 72-2016, the NEC (2014 edition) and the 2015 edition of the International Building Code
- Distinguish between codes and standards and how those differences apply to certification
- Recall where to locate information within codes and standards referenced by NICET
- Recognize proper wiring methods as required by the NEC

Materials we provide

- Student Workbook
- Code book – NFPA 72-2016*

*If you registered and opted to have the code book included, that will be provided for you.

Bringing a copy of the 2014 NEC and 2015 (or 2018) International Building Code is encouraged but not mandatory. Those will need to be purchased by the attendee. They are not included in the registration cost.



Fire Alarm Plan Review – AFAA036

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