



SPECIALIZED FIRE ALARM TRAINING

Hosted by:



AUTOMATIC FIRE ALARM ASSOCIATION

June 12, 2018 - Understanding IBC 2012 Fire Alarm Requirements (AFAA020)

June 13, 2018 – A User’s Guide to Simplifying NFPA 72-2016 & the NEC Outline (AFAA034)

June 14, 2018 - Fire Alarm Plan Review (AFAA036)

Training Location:

NECA-IBEW Electrical Training Center
16021 NE Airport Way
Portland, OR 97230
Classroom 3



Information and Registration Online

www.FireAlarmTraining.com

Attend all 3 and Save!

15% off for members - \$637

10% off for non-members - \$1,077

June 12, 2018 – 8 am – 4 pm

AFAA members and AHJ’s - \$250 Each
3 or more - \$225 each
Non – Members - \$399 each
3 or more - \$ 338 each

June 13, 2018 – 8 am – 4 pm

AFAA members and AHJ’s - \$250 Each
3 or more - \$225 each
Non – Members - \$399 each
3 or more - \$338 each

June 14, 2018 – 8 am – 4 pm

AFAA members and AHJ’s - \$250 Each
3 or more - \$225 each
Non – Members - \$399 each
3 or more - \$338 each

Contact our office with questions at 614-416-8076 or training@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 – admin@afaa.org

UNDERSTANDING IBC 2012 FIRE ALARM REQUIREMENTS- AFAA020

- ◆ Codes and Standards
- ◆ General Fire Alarm Requirements
- ◆ Practice Exercises
- ◆ Specific Fire Requirements by Occupancy
- ◆ Understanding the Structure of the IBC

COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to identify the fire alarm requirements of the 2012 International Building Code by use group and occupancy load.

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

RECOMMENDED PREREQUISITES

Basic knowledge of Building and Fire Code Requirements for Fire Alarms

WHO SHOULD ATTEND

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

MATERIAL WE PROVIDE

Student workbook / reference manual

MATERIAL YOU PROVIDE

International Building Code, 2012 edition

NOTE: You must bring an IBC 2012 or order a copy from us

(If you are 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.



A USER'S GUIDE TO SIMPLIFYING NFPA 72 AND THE NEC

AFAA034

- Understanding the NICET CBT Process
- NFPA 72 Structure
- NEC Fire Alarm Wiring Requirements

- CBT Testing Tips
- Finding Information in NFPA 72 efficiently
- Sample Quizzes

COURSE OBJECTIVES

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

MATERIAL WE PROVIDE

Student workbook / reference manual

MATERIALS YOU PROVIDE

NFPA 72 2016

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

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

Attendees are encouraged, but not required, to bring a copy of NFPA 70 2014

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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

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