

SEMINARS SPONSORED BY:

**MARYLAND-DC-VIRGINIA**  
**AUTOMATIC FIRE ALARM ASSOCIATION**

**Intermediate Fire Alarm (NICET I & II)**  
**April 19-20, 2010**

**Advanced Fire Alarm (NICET III & IV)**  
**April 21-22, 2010**

**Fire Alarm Plan Review**  
**April 23, 2010**

**Capitol College**  
**11301 Springfield Road**  
**Laurel, MD 20708**



## INTERMEDIATE FIRE ALARM SEMINAR COURSE CONTENT

- Review of NICET Application Process
- Fundamentals of Signaling Systems
- Initiating Devices
- Applicable Sections of the National Electrical Code
- Fire Alarm System Interface with HVAC Systems
- ADA Fire Alarm System Requirements
- Non-fire alarm NICET Element Review
- Protected Premises Fire Alarm Systems
- Notification Appliances
- Household Fire Warning Equipment
- Fire Alarm System Interface with Sprinkler Systems
- Fire Alarm System Interface with Elevators
- Inspection, Testing and Maintenance

## COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to determine where to find particular requirements in the NFPA 72, *National Fire Alarm Code*, as well as be able to complete a NICET application for NICET Level 1 or 2 certification testing and more effectively prepare for the NICET exam. 16 Contact Hours Continuing Education - Participant must attend entire seminar to receive credit.

## RECOMMENDED PREREQUISITES

- ◆ Basic knowledge of Fire Alarm Systems, and
- ◆ Two years' work experience in the fire alarm field

## MATERIAL PROVIDED

- ◆ Student workbook and reference manual
- ◆ NFPA 72, *National Fire Alarm Code*, 2007 edition

## WHAT DOES IT COST?

AFAA members, their employees, & gov't employees.....	\$459 each
3 or more.....	\$413 each
Non-members.....	\$559 each
3 or more.....	\$503 each

Registration fee includes a workbook/reference manual, coffee, and lunch.

Instructor: Michael Baker, SET - AFAA Training Director

## ADVANCED FIRE ALARM COURSE CONTENT

- Addressable & Multiplex Systems
  - Review of NICET III & IV and CPDs
  - Notification Appliances & ADA
  - Principles of Combustion
  - Application of Automatic Detectors
  - Principles of Smoke Movement
  - Smoke Control Systems
  - Compatibility
  - Hazard Analysis
  - Transient & RFI/EMI Protection
- And much more ...

## COURSE OBJECTIVES

Upon completion of this seminar, each participant will be able to select and discuss the Requirements of the fire alarm work elements for NICET Level 3 and 4.

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

## RECOMMENDED PREREQUISITES

- NICET Level II Certified; or PE or;
- 5 years' experience & attendance at an AFAA Intermediate Seminar

## MATERIAL WE PROVIDE

- Workbook and reference manual

## MATERIAL YOU PROVIDE

- NFPA 72-2002
- Pen, highlighter, paper, calculator

## WHAT DOES IT COST?

AFAA members, their employees, & gov't employees.....	\$389 each
3 or more.....	\$350 each
Non-members.....	\$489 each
3 or more.....	\$440 each

Registration fee includes a workbook/reference manual, coffee, and lunch.

Instructor: Michael Baker, SET - AFAA Training Director

## FIRE ALARM PLAN REVIEW SEMINAR CONTENT

- Common Problems with the Plan Review Process
- How to Perform Voltage Drop Calculations
- How to Determine Proper Audibility Before Appliances are Installed
- How to Determine Proper Strobe Intensity and Placement
- Suggestions for Conditional Requirement Stamps on Approved Plans
- How to Perform Battery Calculations
- How to Space Detectors
- Suggestions for Consistent Submittals
- Suggestions for Pre-Plan Review Checklist
- Suggestions for Acceptance Test Checklists

### COURSE OBJECTIVES

In this seminar, each participant will apply formulas to perform battery and voltage drop calculations, select proper notification appliance for particular applications and apply proper smoke detector spacing. They will be able to list the items required for fire alarm plan submittals and discuss methods to improve the plan review process.

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

### WHO SHOULD ATTEND

- ◆ Fire and Building Officials involved in Plan Review
- ◆ Fire Alarm Contractors Submitting for Plan Review
  - ◆ Fire Alarm System Designers

### MATERIAL WE PROVIDE

Student workbook, reference manual, and compass

### MATERIAL YOU PROVIDE

Calculator, pencil, and eraser

### WHAT DOES IT COST?

AFAA members, their employees, and government employees.....	\$219 ea.
3 or more.....	\$197 ea.
Non-members.....	\$269 ea.
3 or more.....	\$242 ea.

Registration fee includes coffee, lunch, and a student workbook/reference manual

Instructor: Michael Baker, SET - AFAA Training Director

**Choose the seminar(s) that you wish to attend:**

**Intermediate Fire Alarm**  
**April 19-20, 2010, 8 am - 5 pm**

AFAA members and  
government employees..... \$459 each  
3 or more..... \$413 each  
Non-members..... \$559 each  
3 or more..... \$503 each

**Advanced Fire Alarm**  
**April 21-22, 2010, 8 am - 4 pm**

AFAA members and  
government employees..... \$389 each  
3 or more..... \$350 each  
Non-members..... \$489 each  
3 or more..... \$440 each

**Fire Alarm Plan Review**  
**April 23, 2010, 8 am - 4 pm**

AFAA members and  
government employees..... \$219 each  
3 or more..... \$197 each  
Non-members..... \$269 each  
3 or more..... \$242 each

**I plan to attend all three seminars - AFAA members & government employees** ..... \$1067 each  
3 or more..... \$ 960 each  
**Non-members**..... \$1317 each  
3 or more..... \$1185 each

**WHERE:**

**Capitol College Room 135**  
**11301 Springfield Road**  
**Laurel, MD 20708**

**The registration fee includes lunch and coffee plus a student workbook/study guide and handouts.**

Please make all checks payable to:

MD-DC-VA AFAA  
c/o EBL Engineers, LLC  
8005 Harford Road  
Baltimore, MD 21234  
Attn: Bob Baker  
(410) 668-8000, Ext. 1065  
bbaker@eblengineers.com

Full payment is required prior to attending the seminar.

You can register online at [www.afa.org](http://www.afa.org)



**REGISTRATION FORM**

Please check one:  AFAA member or government employee  Non-member

**Please type or print:**

Organization \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_

Credit Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Name (Please Print) \_\_\_\_\_

Billing address (if different than above) \_\_\_\_\_

Attendee(s) Name \_\_\_\_\_ E-mail \_\_\_\_\_

Name \_\_\_\_\_ E-mail \_\_\_\_\_

Name \_\_\_\_\_ E-mail \_\_\_\_\_

**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. AFAA seminars are subject to cancellation when pre-registration fall below the minimum number of 20 attendees. AFAA cannot be responsible for losses resulting from cancellation of any seminar.