



# GO Learning

Global Online Learning Campus

**as little as \$30  
per class**

**Learn the details of NFPA 13 this year!  
Beginning 16 FEB 2012  
Online Classes once every two weeks.**

## 2012 Class Offerings

Engineers, AHJ's, Plan Reviewers, and Fire Sprinkler System Designers will all benefit from a detailed review of NFPA 13, 2010 edition. The first offering from the Academy's new Global Online Learning Campus (GO Learning) will take a full year to review nearly every section of NFPA 13. You'll hear from several different instructors with an incredible array of experience. Our instructors include: Contractors, Designers, Engineers, NFPA Committee members and NFPA Committee Chairs. (see our list of visiting faculty on page 3)

## NFPA 13 Basic Learning Certificate Series

You may pay for and attend individual classes. Or you may choose to save money by enrolling in all 20 classes plus the year-end review. If you want to save money, but do not think you can attend all 20 classes, you can receive a discount for enrolling in any 10 classes.

Live Classes every 1st and 3rd Thursday of the month. Available as a recording soon after. Certificate program includes homework assignments after each class. (Must pay for and enroll in all 20 classes.)

Classes will be offered live at two different times to accommodate worldwide learning.

Individual Classes	LIVE	\$50 per connection
	RECORDED	\$60 per connection

**NFPA 13 Basic Learning Certificate:** Receive a 40% discount when you decide to attend all 20 classes and the review (\$30 each). Each paid student will receive a certificate of completion for the Academy of Fire Sprinkler Technology.

If you cannot attend every class, receive a 20% discount when you decide to attend any ten classes (\$40 each).

## Go Learning 2012 Class Schedule:

### NFPA 13 Basic Learning Series

AFST1101 – NFPA 13: Intro, Chap's 1, 2 & 3	16 FEB 2012
AFST1102 - NFPA 13: Chapters 4 and 5	01 MAR 2012
AFST1103 - NFPA 13: Chapter 6	15 MAR 2012
AFST1104 - NFPA 13: Chapter 7, Wet Pipe	05 APR 2012
AFST1105 - NFPA 13: Chapter 7, Dry Pipe	19 APR 2012
AFST1106 - NFPA 13: Chapter 7, Pre-action	03 MAY 2012
AFST1107 - NFPA 13: Chapter 7, Deluge	17 MAY 2012
AFST1108 - NFPA 13: Chapter 8, Section1-4	07 JUN 2012
AFST1109 - NFPA 13: Chapter 8, Section 5	21 JUN 2012
AFST1110 - NFPA 13: Chapter 8, Section 6	05 JUL 2012
AFST1111 - NFPA 13: Chapter 8, Section 7	19 JUL 2012
AFST1112 - NFPA 13: Chapter 8, Sec 8&9	02 AUG 2012
AFST1113 - NFPA 13: Chapter 8, Sect 11-13	16 AUG 2012
AFST1114 - NFPA 13: Chapter 8, Section 15	06 SEP 2012
AFST1115 - NFPA 13: Chapter 8, Sec 16&17	20 SEP 2012
AFST1116 - NFPA 13: Chapter 9, Section1&2	04 OCT 2012
AFST1117 - NFPA 13: Chapter 9, Section 3	18 OCT 2012
AFST1118 - NFPA 13: Chapter 10	01 NOV 2012
AFST1119 - NFPA 13: Chapter 11	15 NOV 2012
AFST1120 - NFPA 13: Chapter 22	06 DEC 2012
AFST1121 - NFPA 13: Review	20 DEC 2012

Full descriptions available at: [Download PDF here](#)

Early Class		Late Class	
6:00 am	Central (USA)	12:00noon	Pacific (USA)
7:00 am	Eastern (USA)	2:00pm	Central (USA)
12:00 noon	London	3:00pm	Eastern (USA)
1:00pm	Stockholm	8:00pm	London
5:30pm	Mumbai	9:00pm	Stockholm

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### NFPA 13 GO Learning 2012 Class Descriptions:

**AFST1101 – NFPA 13: History and Chapters 1, 2 & 3** NFPA 13 has been in existence for over 100 years. Learn the history of this document. We will provide an introduction to NFPA 13 and to the first three chapters of the document.

**AFST1102 - NFPA 13: Chapters 4 and 5** This class will discuss the information found in Chapter 4, General Requirements for designing and installing fire sprinkler systems. We will also discuss the various ways to categorize building uses and contents (occupancies and commodities) for the purposes of providing adequate fire protection.

**AFST1103 - NFPA 13: Chapter 6** This class will discuss the various parts and pieces of a sprinkler system. We will discuss how these parts and pieces are used in assemblies.

**AFST1104 - NFPA 13: Chapter 7, Wet Pipe Sprinkler System** This class will cover the requirements for types of wet pipe systems in Chapter 7 of NFPA 13. We will discuss the requirements for antifreeze systems that will include a look at the new NFPA 13 requirements for antifreeze that is used in fire sprinkler systems.

**AFST1105 - NFPA 13: Chapter 7, Dry Pipe Systems** This class will cover the requirements for dry pipe systems in Chapter 7 of NFPA 13. We will discuss the components that are allowed to be used, types and locations of drains, requirements system size and water delivery.

**AFST1106 - NFPA 13: Chapter 7, Pre-action Systems** This class will cover the requirements for types of pre-action systems in Chapter 7. We will discuss the different types of pre-action systems, the components that are allowed to be used, types and locations of drains, requirements system size and water delivery.

**AFST1107 - NFPA 13: Chapter 7, Deluge Systems** This class will cover the requirements for deluge systems in Chapter 7. We will discuss the different applications for deluge systems and the components that are allowed to be used.

**AFST1108 - NFPA 13: Chapter 8, Sections 1-4** This class will cover the first four sections of Chapter 8 in NFPA 13. These are the general sections about where sprinklers must be installed, applications and use of fire sprinklers, and how large sprinkler systems are permitted to be.

**AFST1109 - NFPA 13: Chapter 8, Section 5** This class will discuss the requirements of section five of Chapter 8 in NFPA 13. This section contains the requirements for position, spacing and location of fire sprinklers. We'll also discuss how to determine the area of coverage for a fire sprinkler.

**AFST1110 - NFPA 13: Chapter 8, Section 6** This class will discuss the requirements of section six of Chapter 8 in NFPA 13. This section contains the requirements for standard spray upright and pendent sprinklers. We will discuss maximum distances and coverage areas, the attic rules, and the obstruction rules.

**AFST1111 - NFPA 13: Chapter 8, Section 7** This class will discuss the requirements of section seven of Chapter 8 in NFPA 13. This section contains the requirements for standard spray sidewall sprinklers. We will discuss maximum distances and coverage areas, and the obstruction rules.

**AFST1112 - NFPA 13: Chapter 8, Sections 8-10** This class will discuss the requirements of sections 8 & 9 of Chapter 8 in NFPA 13. These sections contain the requirements for extended coverage upright, pendent, and sidewall sprinklers. We will also discuss residential sprinklers. We will discuss maximum distances and coverage areas, and the obstruction rules.

**AFST1113 - NFPA 13: Chapter 8, Sections 11 thru 13** This class will cover the rules for sprinklers in storage application. This will include CMSSA, ESFR, and Standard Spray Sprinklers. This class does not discuss storage protection strategies. It discusses the type of sprinklers that may be used and the rules for those specific sprinklers.

**AFST1114 - NFPA 13: Chapter 8, Section 15** This class will cover the rules found in section 15 of Chapter 8 in NFPA 13. We will discuss the rules for sprinklers in the 16 different concealed space situations from section 15.

**AFST1115 - NFPA 13: Chapter 8, Sections 16 and 17** This class will cover the rules found in sections 16&17 of Chapter 8 in NFPA 13. We will revisit the rules for pipe installation, like: drains, pitch, return bends and much more. We also discuss hose stations on sprinkler systems that are not part of a standpipe system.

**AFST1116 - NFPA 13: Chapter 9, Sections 1 and 2** This class will discuss the basic rules for hangers and supports on fire sprinkler systems. We will discuss the materials that may be used, the arrangements allowed, the spacing permitted, and the rules for trapeze hangers.

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## NFPA 13 GO Learning 2012 Class Descriptions:

**AFST1117 - NFPA 13: Chapter 9, Section 3** This class will cover the very basic concepts of seismic bracing in NFPA 13. There will be a discussion of the general requirements and then exercises on how to apply these requirements. (For more on the design of Seismic Bracing see the other classes available at the Academy's *GO Learning* website.)

**AFST1118 - NFPA 13: Chapter 10** This class will cover the requirements for underground piping from Chapter 10. Allowable materials, rules for restraint, protection against freezing, and rules for testing will be discussed.

**AFST1119 - NFPA 13: Chapter 11** This class will cover all of the design approaches permitted in NFPA 13. We will discuss the rules for density/area, room design method, and residential. We will discuss the requirement to increase and reduce remote area sizes for dry-piping, sloped ceilings, quick response sprinklers, and corridors. We will also discuss water curtains.

**AFST1120 - NFPA 13: Chapter 22** This class will cover all of the requirements for the shop drawings, calculations and submittals required for fire sprinkler systems. We will discuss all of the things required to be on the drawings. We will also examine the process that should be used in calculating fire sprinkler systems.

**AFST1121 - NFPA 13: Review** This class will be a review of the entire year. We will have a discussion about all of the highlights from the year's classes and we will cover the changes that will occur in the 2013 edition of NFPA 13.

### GO Learning Course Instructors:

**Cecil Bilbo** President, Academy of Fire Sprinkler Technology Champaign, Illinois, USA  
Committee Member: NFPA 13 Sprinkler System Installation Criteria, NFPA 14 Standpipes, NFPA 3 Commissioning, NFPA 4 Integrated Testing of Fire Protection and Life Safety Systems  
Contributing author NFPA 3, Commissioning Handbook and NFPA 13 Sprinkler System Handbook  
Member Building Commissioning Association Professional Development Committee

**Bob Caputo** President, Consolidated Fire Protection, Inc. San Diego, California, USA  
Committee Member: NFPA 13 Sprinkler System Installation Criteria, NFPA 14 Standpipes, NFPA 3 Commissioning, NFPA 4 Integrated Testing of Fire Protection and Life Safety Systems  
NFPA 25, Inspection, Testing and Maintenance, NFPA 72, Fire Alarm Code  
Contributing author NFPA 13 Sprinkler System Handbook

**Ken Wagoner** Owner, Parsley Consulting, Inc. San Diego, California, USA  
Committee Chairman: NFPA 24, Committee on Private Fire Service Mains  
Committee Member: NFPA 13, Hanging and Bracing Committee

**George Church** Owner, Rowe Sprinkler Systems, Inc. Selinsgrove, Pennsylvania, USA  
Committee Member: NFPA 3 Commissioning, NFPA 4 Integrated Testing of Fire Protection Systems

**Mike Friedman, PE** Owner, Freidman Consulting, Inc. Baltimore, Maryland, USA  
Committee Member: NFPA 13 Technical Correlating Committee

**Ron Greenman** Director, Bates Technical College: Fire Protection Tacoma, Washington, USA  
Committee Member: NFPA 25, Inspection, Testing and Maintenance of Water-based fire protection systems  
NFPA 1031, Professional Qualifications for Fire Inspectors and Plan Reviewers

**Kevin Kelly, PE** Owner, Kelly Consulting Engineers Poughkeepsie, New York, USA  
Committee Chair: AWWA M14, Backflow Prevention for Fire Protection Systems (past chair)  
Committee Member: NFPA 14, Standpipes

**Steve Leyton** Owner, Protection Design and Consulting, Inc. San Diego, California, USA  
Committee Member: NFPA 13, NFPA 13R, NFPA 13D Committee on Residential Sprinklers  
NFPA 5000 Building Construction Code  
California State Fire Marshall Residential Task Group  
International Code Council Committee on Residential Fire Sprinklers

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## 2012 Class Offerings

### NFPA 13 Basic Learning Certificate

Live Classes every 1st and 3rd Thursday of the month. Available as a recording soon after. Certificate program includes homework assignments after each class.

You may enroll in each class individually and participate in any classes you like. You will receive a certificate confirming participation after the class.

**If you take all 20 classes and complete the homework assignments, you will receive the Academy's**

#### NFPA 13 Basic Learning Certificate.

**Individual Classes:** The fee for each live class is US\$50 per computer connection. The fee for access to a recorded class is US\$60. One certificate of completion is included with each class fee. However, the price for shipping the certificate will be an extra fee.

**Any 10 Classes:** Receive a 20% discount when you decide to attend any ten classes (\$40 each).

Register for 10 classes here:

<https://www1.gotomeeting.com/register/951464889>

You will be sent an invoice and a link to select the classes you would like to attend.

**All 20 Classes:** Receive a 40% discount when you decide to attend all 20 classes (\$30 each).

Register for all 20 classes (plus the review session) here:

<https://www1.gotomeeting.com/register/114818985>

This price is good for a single computer station with many employees participating at that location. There is a fee for each geographic location that connects. This would require that you register each office within your company separately.

If each attendee would like a certificate, there is a \$12 fee per person for each certificate after the first individual. Simply state the number of additional certificates you want to receive and names of those that will be attending in the registration form to be billed appropriately. We will verify everyone's attendance during the webinar and we will send the certificates after the broadcast. After registering you will receive a confirmation email containing information about paying for the webinar. Once you have paid, you will be sent the login information for the webinar.

## REGISTRATION

We think it is easier to register online. However, if you would like us to complete the online registration for you, please provide the following information in an email to

[info@sprinkleracademy.com](mailto:info@sprinkleracademy.com)

(you may click the link to complete an email)

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address

Line 1: \_\_\_\_\_

Line 2: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Email address: \_\_\_\_\_

@ \_\_\_\_\_

Choose the classes you would like to attend:

- |  |  |
|--|--|
| <input type="checkbox"/> AFST 1101                             | <input type="checkbox"/> AFST 1102                               |
| <input type="checkbox"/> AFST 1103                             | <input type="checkbox"/> AFST 1104                               |
| <input type="checkbox"/> AFST 1105                             | <input type="checkbox"/> AFST 1106                               |
| <input type="checkbox"/> AFST 1107                             | <input type="checkbox"/> AFST 1108                               |
| <input type="checkbox"/> AFST 1109                             | <input type="checkbox"/> AFST 1110                               |
| <input type="checkbox"/> AFST 1111                             | <input type="checkbox"/> AFST 1112                               |
| <input type="checkbox"/> AFST 1113                             | <input type="checkbox"/> AFST 1114                               |
| <input type="checkbox"/> AFST 1115                             | <input type="checkbox"/> AFST 1116                               |
| <input type="checkbox"/> AFST 1117                             | <input type="checkbox"/> AFST 1118                               |
| <input type="checkbox"/> AFST 1119                             | <input type="checkbox"/> AFST 1120                               |
| <input type="checkbox"/> All 20 Classes<br>(Plus Review Class) | <input type="checkbox"/> Any 10 Classes<br>(Pick Ten from above) |

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