



Self Study/Classroom Option

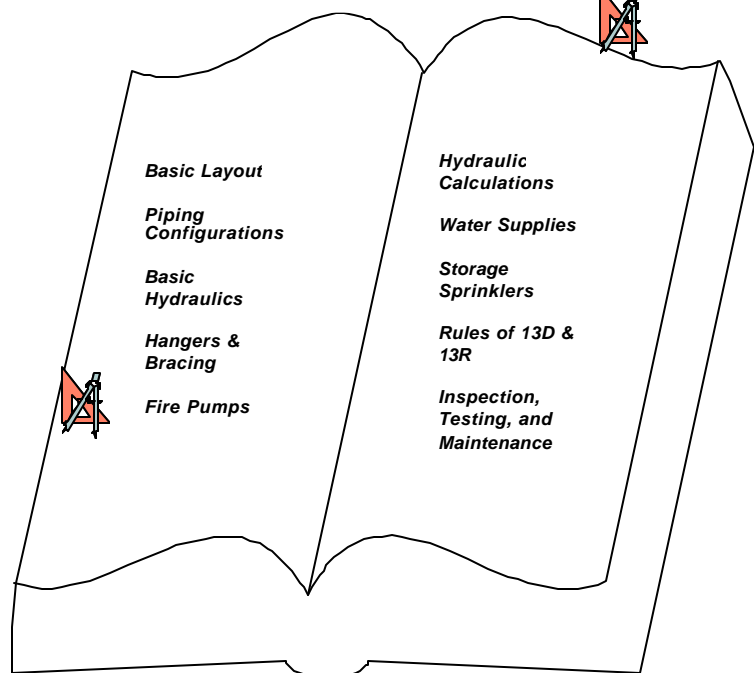
Self-study: April 1 to May 5

Classroom: May 7 to May 11

Class to be held in Patterson, NY area.

Technician's Workbook

Focus – The purpose of the course is to take a person with basic knowledge of math, physical science and drafting skills and teach them to be productive basic sprinkler layout and detailing technicians. All of the work elements necessary for NICET Level II Certification will be covered by the course.



This course was designed specifically for those who can't spend ten days in the classroom. There will be five weeks of self study followed up with five days in the classroom prepared and taught by the NFSA's team of world-class staff and consultants. Each week of self-study will have different topics with written materials, CD's and exercises to be completed. The CD's are digital recordings of the NFSA's series of on-line seminars on a variety of basic subjects. The students will receive the recording of the seminar, a Powerpoint presentation of the slides, a written paper on the subject prepared by the lecturer and a copy of all the questions asked during the seminar with the answers given by the instructor.

During the second week of study, the students will participate in the live on-line seminar Types of Sprinkler Systems and Common Components of Systems.

After each topic is completed, the students will complete a series of exercises and submit them to the instructors. The instructors will provide feedback to make sure the students are keeping up with their work.

All during the five weeks of self-study, the student will have the ability to ask questions of the instructors through e-mail.

Seminar Schedule

Subject to change depending on instructor availability

Week 1 – April 1-7

History of Sprinklers, Rules Governing Installation, Basic Drafting, Fire Protection Symbols, Principles of Combustion

Week 2 – April 8-14

Types of Systems, System Components, Hazard Classifications, Basic Math and the Metric System and Types of Construction

Week 3 – April 15-21

System Configurations, Underground Piping, Backflow Protection and Water Supply Requirements and Testing

Week 4 – April 22-28

Above Ground Pipe and Fittings, Basic Hydraulics, Hydraulic Calculation Theory, Introduction to Residential Systems

Week 5 – April 29 to May 5

Water Tanks, Alarms and Supervision, Contracts, Standpipes, Construction Specifications and Project Scheduling

Classroom Day 1: May 7

Hangers, Seismic Bracing, Layout of Plan #1 (Wet Pipe System)

Classroom Day 2: May 8

Hydraulic Calculation Examples, Fire Pump Selection and Sizing, Calculating Plan #1

Classroom Day 3: May 9

Layout and Calculation of Plan #2 (Dry-Pipe System), Single Family Dwelling System (NFPA 13D), Hotel System (NFPA 13R)

Classroom Day 4: May 10

Storage Commodity Classification, Protection of General and Rack Storage with Spray Sprinklers

Classroom Day 5: May 11

Large Drop and ESFR Sprinklers
Inspection, Testing and Maintenance of Sprinkler Systems and Pumps
Hotel details will be sent to registrants



NATIONAL
FIRE
SPRINKLER
ASSOCIATION, INC.

Registration Form NFSA Layout Technician Training Class

Please send completed form, with payment, to: NFSA Layout Technician Training Class, P.O. Box 1000 Patterson, NY 12563. Credit card orders can be faxed to (845) 878-4215. Form may be photocopied for additional registrations.

Please Print or Type

Date of Seminar

Location of Seminar

Name _____ Name of Department Head or Supervisor _____

Company _____

Address _____

City/State/ZIP _____

Telephone _____ FAX _____

(✓) Please send me NFSA membership information

Fees The basic fee for this course is: \$1100 for NFSA Members and \$1600 for Nonmembers

The fee must be paid in full and in advance using cash, check, money order, Visa, MasterCard or American Express. The cost of housing is NOT included in the seminar registration fees. The fee does include lunches on the day of class. The NFSA reserves the right to provide a \$50 cash lunch allowance instead of food. The fee does include all seminar course materials including a copy of NFPA 13 (1999 edition), a copy of the NFSA/NFPA Fire Pump Handbook and a copy of all of the slides shown during the course.

_____ x \$1100 _____
Number of NFSA Members Participating

_____ x \$1600 _____
Number of Nonmembers Participating

Total _____

Enclosed is a check/money order in the total amount above payable to the National Fire Sprinkler Association

Charge above total to Visa, American Express or MasterCard (please circle card being used)

Account Number

Expiration Date

_____ Cardholder Signature

Billing information as it appears on the credit card statement:

Name: _____

Address: _____

Send this form with payment to: NFSA Layout Technician Training Class, P.O. Box 1000,
Patterson, NY 12563 Fax charge orders to: (845) 878-4215

Cancellation Policy Full refunds are available if the registration is cancelled at least 14 days prior to the start of the seminar. Refunds of 50% are available if registration is cancelled at least 3 days prior to the start of the seminar. No fees will be refunded if the registration is cancelled within 3 days of the start of the seminar.