Course Title: Automatic Detection and Suppression System (AUTO)

Length of Course: 8 Hours  Lecture/Lab Breakdown: 8/0

Prerequisites: Fire Service Personnel (except those whose duties are strictly inspection) must complete ELIS


Course Goal: To develop within each student the understanding of the basic operation of fire alarm systems and fixed fire protection systems.

Description of Course: This course is designed to give the fire officer, fire prevention official, and code enforcement official a basic understanding of the design and operation of fire alarm and fixed fire protection system.

Description of Methodology to be used: (Brief) A lecture with student activities will provide a combine experience to understand the operation of fire alarm and fixed fire protection systems.

Student Equipment/Supply Needs: Notebook suitable for use in the field; pen/pencil; hard hat and eye protection

Equipment/Audiovisual/Supply requirements: Overhead, Slide Projector, VCR and Flip Chart. Classroom with adequate seating.

COURSE OUTLINE

Time  Content
4:00  Fire Alarm Systems Operations
4:00  Fix Fire Protection System Operation  
      CO₂ System, Halon, Dry Chemical, and Wet Chemical)

Competency Evaluation Mechanism (Brief description-attach copy): Assessment of student by direct questioning and observation of class activity.

Course Objectives (specific):

1. To develop within each student the basic understanding of the operation of a fire alarm system.
2. To develop within each student the basic understanding of the operation of the different types of fixed fire protection systems

Questions/Comments: Contact the Curriculum Specialist