



November 12, 13, 16, 26, 27, 29, 2018

## BASIC FIRE INVESTIGATION

**Activity Number:**

500-E2

**Location:**

Massachusetts Firefighting Academy  
One State Rd, Stow, MA

**Time:**

0800-1700

As part of the application process, applicants are required to complete ten (10) preselected CFIttrainer units to be considered for selection.

Specific units are listed on the course registration addendum.

This course is for firefighters and law enforcement officers needing the basic skills required for an initial fire and/or explosion scene investigation. Students will be oriented to effectively work within the established system, using a “Team Concept” built around a specific investigative protocol tailored to fire and explosion investigations. Students will examine the most up-to-date theories of fire investigation and the role of the fire investigator. The topics covered include: the methodology of fire investigation; motives of arsonists; incendiary fires; explosions; and the formulation and testing of a hypothesis with regard to the origin and cause of a fire. Students will learn about fire behavior and basic origin and cause investigation techniques, along with scene preservation, documentation and evidence collection. Legal aspects and arson motives are also covered in the program.

Subject matter experts will provide comprehensive lectures covering accidental fire investigation, determining the origin and cause of fire and/or explosions, the behavior of fire, the roles and responsibilities of the investigator within the Fire Investigation Unit, incendiary fire investigation, interview techniques, indicators of incendiarism, vehicle fires, marine fires, wildland fires, evidence collection, and investigative documentation.

This course consists of forty-eight (48) hours of instructor-led classroom training with four (4) hours of self-guided online learning.

Although this is an entry level course, it is an intensive course that requires students to have 100% mandatory attendance. In addition, students shall participate in case studies, and present an oral brief to the class. The final course exam is an open book, fifty (50) question online test.

This course meets or exceeds the job performance requirements in the NFPA Standard 921 Guide for Fire and Explosion Investigations and the NFPA Standard 1033 for Fire Investigator.



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**Registration**

Register at [DFS Learning Management System](#)