

Certified Fire and Explosion Investigator (CFEI)

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Description: The purpose of this course is to specify, in terms of performance objectives, the minimum requirements for Fire and Explosion Investigator.

Objectives: The course content is presented in a 32 Hour, 4 day lecture environment, followed by a 1 day practical fire investigation that will be performed in a state of the art training facility. This course shall cover the requirements as stipulated in NFPA 921 and includes;

- The legal requirements to conduct a scene examination
- Understanding the basic principals of combustion
- Burn pattern analysis
- The processes for collecting physical evidence
- Cause Determination

The processes examined in NFPA 921 in the theoretical component, will be implemented and applied by the participant when he/she investigates a fire scene.

In teams, participants will attend a fire scene, document, examine, sift, reconstruct, and determine the cause of a fire scenario. Each team will present the cause of the fire scene investigation to their peers at the conclusion of the burn scenarios.

Goals: Each participant, upon successful completion of an examination, from the National Association of Fire Investigators (NAFI) a USA based Professional Organization, will receive a certificate confirming that they have completed the theory portion of "A Certified Fire and Explosion Investigator CFEI". This examination is both optional and recommended only if the participant can receive the practical scene time required for this certification.

Course Includes:

- Lunch daily
- Coffee / muffins in the morning
- National Association of Fire Investigators Exam.
- Practical Investigation Experience
- Training in State of the Art classroom

- Reduced Hotel Rates
- Central Training Location

Duration: 40 Hours

Max Class Size: 25 persons

Student requirements:

1. **Safety Shoes**
2. **Work Cloths** The weather may be un-cooperative and you need to dress accordingly. Your task will require you to practically apply the theoretical concepts learned in class by investigating a fire scene and bringing with you the tools for successfully completing the task.
3. **Digital Camera** (If you have one)
4. **Laptop** (If you have one) to assist with the class presentation of the group scene examination.

Applications:

****** Applicants who wish to write the NAFI exam must have their applications processed no later than three weeks prior to the course commencement date so that NAFI exams can be requested and received in time for the course.