

# 3200 Fundamentals of Fire Investigation

## Objective

This course is designed to assist individuals who are tasked with the responsibility of investigating and analysing fire and explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

This course is designed to give our Firefighters and Fire Officers a systematic working framework or outline by which effective fire and explosion investigation and origin and cause analysis can be accomplished. The knowledge and procedures taught during this course represent the judgement developed from the NFPA consensus process system, that if followed can improve the probability of reaching sound conclusions.

## Prerequisite

This course is open to firefighters, officers, police officers and corporate clients

## Content

- The investigators scope of authority in accordance with the *Fire Safety Act, Province of Nova Scotia*
- The safety hazards associated with conducting fire investigations
- The legal implications of conducting fire investigations
- The Scientific Method for conducting fire investigations
- Fire Ignition and Development
- The proper collection and preservation of evidence
- Recognize and interpret basic fire patterns
- Fire scene documentation and report writing
- Cause and Origin determination
- Recognize and understand the crime of arson
- Examining an electrical system and identify potential causes of fire

## Certification

Certificate of attainment will be issued upon successful completion of this course.

## Enrollment

Minimum 10 Students Maximum 24 Students

## Duration

4 days (2 weekends)

## Location

Nova Scotia Firefighters School and also available at host locations.

## Note

This is a prerequisite course for all other fire investigation training programs. This program provides the basics to conduct a fire scene examination. Required text is IFSTA Fire investigator 1<sup>st</sup> edition and this is to be changed to 2<sup>nd</sup> edition when published late 09/10. Also students wishing to advance their fire investigation knowledge are extremely encouraged to purchase NFPA 921 – Guide for Fire & Explosion Investigations (2008) edition and NFPA 1033 – Professional Qualifications for Fire & Explosion Investigator.