



Basic Fundamentals of Fire Investigation

This training is made possible through an educational partnership with the Hamilton County Fire Chief's Association and the Hamilton County Fire Investigation Unit

October 28th through November 1st (2024) - Colerain Township

Course Overview

This introductory 5-day (40-hour) course is designed to provide the new fire investigator with the prerequisite knowledge necessary to properly determine the origin and cause of a fire and to refresh the experienced fire investigator with his/her current knowledge base as it relates to the scientific investigation of a fire scene. This course is instructed through both a classroom and a hands-on component (an actual fire scene investigation) and meets the requirements of NFPA 1033: Standard for Professional Qualification for Fire Investigator as well as NFPA 921: Guide for Fire and Explosion Investigations. NFPA 1033 lays out the minimum qualifications for a fire investigator, while NFPA 921 contains the basic knowledge base and methodologies required to comply with the NFPA 1033 requirements.

Topics Addressed

Students will be oriented to effectively work 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 main topics include: the methodology of fire investigation; motives of arsonists; incendiary fires; explosions; and the formulation and testing of a hypothesis regarding the origin and cause of a fire. Additionally, Students will learn about fire behavior, basic cause & origin, investigative techniques, scene preservation, documentation, evidence collection and legal aspects for fire investigators.

Mandatory Pre-requisite Requirements – All Students

- ✓ Students are required to have the following text book with them on the first day of class –
Jones and Bartlett Fire Investigator Sixth Edition - ISBN 978-284-24705-3 (this book is not provided)
This book can be purchased from: John D. Preuer & Associates: 800-253-8183 - <https://www.fireemsbooks.com/>
- ✓ Students must complete a pre-course assignment, as assigned by the instructor, prior to the first day of class
- ✓ Students must provide their own personal safety equipment: Gloves, Hard Hat, Eye Protection, Flashlight, and Mask or Respirator if required (to be determined by the instructors)

Cost, Dates and Times of this 5-day class:

Course Cost: \$390.00

Monday Oct. 28th through Friday Nov. 1st

Class Start Time: 08:00 - Class End Time: 17:00

learn FROM THE
experts

Training Location

Colerain Township Fire Admin

4160 Springdale Rd

Cincinnati, Ohio 45251

[Register online at: www.FireCodeAcademy.com](http://www.FireCodeAcademy.com)

Lead Instructor and primary contact - Battalion Chief Chris Ellis - Mobile: 513-623-9314 – Email: cellis@cityofsharonville.com

Chris Ellis is currently a Battalion Chief with the City of Sharonville Fire Department and currently serves as a part-time police officer with the Amberley Village Police Department. Chris started in fire investigation in 2008 and became a member of the Hamilton County Fire Investigation unit where he is currently the Central Team Captain. Chris holds the IAAI credentials of Certified Fire Investigator, Certified Instructor, Evidence Collection Technician, Fire Investigation Technician, and the Vehicle Fire Investigator Endorsement. Chris also holds the Certified Fire and Explosion Investigator and Vehicle Fire Investigator credentials through NAFI. He is a current member of the IAAI and is the co-chair of the training committee and Ohio IAAI, where he is currently serving as President. Chris has also developed and instructed many basic and advanced fire investigation courses and is a vehicle program instructor, ECT and EWCT Facilitator for the IAAI.