MICHIGAN STATE POLICE | SPECIAL INVESTIGATION DIVISION

Training Announcement

90th Fire Investigation I Cohort

The Michigan State Police Fire Investigation Unit is hosting the 2027 Fire Investigation I Cohort. The cohort will be broken down into 3 different sessions during 2027. The program is nationally accredited and is recognized as a leader in fire investigation training. The purpose of the program is to provide investigators with a solid foundation of fire investigation skills. A variety of methods and resources will be utilized to facilitate learning, including classroom lectures and hands-on training.

Topics include:

- Fire Chemistry & Behavior
- Fire Suppression
- Building Construction
- Electrical Fire Causes
- Origin and Cause Determination
- Accidental Fire Causes
- Fatal Fires
- Explosions
- Incendiary Fire Causes
- Arson Motives
- Building Electrical and Gas Systems
- Legal Aspects
- Photography
- Thermodynamics & Thermometry
- NFPA 921 and 1033
- Interview & Interrogation
- Courtroom Testimony
- Fire Scene Diagramming
- Report Writing and Case Preparation
- Evidence Collection
- Accelerant Canine

Pre-Course Work:

The following courses on CFI Trainer (no cost) are required to be completed prior to start of the course:

- Ethics and the Fire Investigator
- The Scientific Method for Fire/Explosion Investigations
- NFPA 1033 and Your Career
- The Practical Application of the Relationship between NFPA 1033 and NFPA 921
- HAZ-WOPER (if no awareness)
- Introduction to Fire Dynamics and Modeling
- Search and Seizure

Session I:

Dates: February 8 – February 12, 2027

Location: Michigan State Police Grand Rapids Post, 2290 4 Mile Road NW, Grand Rapids, MI 49544

This session will focus on the fundamentals of fire investigation, fire science, fire effects and burn patterns, building construction and suppression systems, NFPA 921/1033, evidence collection and determining origin and cause.

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Session II: March 9 - May 11, 2027

Location: Consumers Energy Flint Gas City, 3201 E. Court St, Flint, MI 48506

This session will focus on fuel gas systems to include their generation, distribution and use by appliances. It will also include instruction on complex investigations, explosion investigations, and scene documentation. This session will focus on electrical systems to include distribution, building electrical systems, identification of electrical fire causes and data collection outside of the fire scene.

Capstone:

Dates: April 12 – 16, 2027

Location: Michigan State Police Grand Rapids Post, 2290 4 Mile Road NW, Grand Rapids, MI 49544

The capstone event will be a culmination of sessions I through III that will include practical skills examinations for the job performance requirements (JPR's) in NFPA 1033, legal considerations, building a curriculum vitae, courtroom testimony, drug related fires and policy implementation.

Program Cost:

The cost of the program will be $1,000 (Includes lunches and materials) during all three sessions. Each student will receive a copy of the current edition of NFPA 921 and 1033.

Lodging:

Lodging is the responsibility of each agency/attendee. Lodging information will be shared in a confirmation email.

Registration:

Applications are to be emailed into Fire Training. The course availability is limited, all registrants will be placed on a waiting list until approximately one month prior to the class start date. Once final selection has been made, each student will receive an email confirmation which will include registration instructions. Application deadline is October 31, 2026.

For more information, contact Spl/Sgt. Jeff Hoyt at (989) 255-8920

This course is MCOLES and LARA approved.