



# FIRE INVESTIGATOR (120 HOURS)



## DATES

WEEKEND 1:	JANUARY 21-22	WEEKEND 4:	MARCH 4-5
WEEKEND 2:	FEBRUARY 4-5	WEEKEND 5:	MARCH 18-19
WEEKEND 3:	FEBRUARY 18-19	WEEKEND 6:	MARCH 25-26

## LOCATION

### MONMOUTH FIRE DEPARTMENT

601 Industrial Park Road, Monmouth

**REGISTER ONLINE**  
**FSI.ILLINOIS.EDU**

This class is designed as the foundational level of education and training for fire and arson investigators. The program meets the Job Performance Requirements of NFPA 1033 "Professional Qualifications for Fire Investigator."

#### The course includes the following topics:

- Basic fire science
- Fire patterns
- Building systems
- Electricity and fire
- Fuel gas systems
- Fire related human behavior
- Legal considerations
- Safety
- Sources of information
- Planning the investigation
- Documentation of the investigation
- Physical evidence
- Origin & cause determination
- Analyzing the incident for cause and responsibility
- Failure analysis and analytical tools
- Explosions and incendiary fires
- Fire and explosion deaths and injuries
- Appliances
- Motor vehicle fires
- Wild fire investigations
- Management of complex investigations
- Marine fire investigations

*The practical requirement for the class will involve outdoor simulated scene work.*

*Firefighting gear is not required for the class but old clothes, gloves and work boots are recommended for the practical activity.*

*Students are encouraged to bring personal cameras for use in the practical activity.*

ILLINOIS FIRE SERVICE INSTITUTE  
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#### For more information, contact:

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