

**Upon Completion:**

The attendee will have been provided the basic knowledge to perform a successful origin and cause conclusion:

- Basic Investigation Methodology
- Fire Behavior
- Fire Patterns
- Origin & Cause Determination
- Determining Accidental Causes
- Incendiary Fires
- Evidence Collection
- Recording The Scene
- Legal Considerations

**Important  
for  
IAAI Certified Fire  
Investigators  
(IAAI-CFI®):**

At the end of this course, a test will be given for those who need points/ hours for certification.

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**Public Agency Training Council**  
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October 17, 18 & 19, 2016 • South Windsor, Connecticut

**Public Agency  
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*Mark Waterfill, President*



**National Criminal Justice  
Public Safety Continuing Education**

Sponsored By:

**South Windsor Fire  
Marshal's Office**

South Windsor, Connecticut

NOTE: CT ODEM has approved this course for 20.5 hours of CEU's

**Training Seminar  
2.5 Day New Fire/Arson  
Investigator Academy**

**Based on NFPA 921 & NFPA 1033**

**Techniques and Procedures for Determining the Origin and Cause of a  
Fire, Documentation of a Fire Scene, Interviewing Witnesses and  
Suspects and Legal Considerations of a Fire Scene Investigation,  
Based Upon NFPA® 921 & NFPA® 1033**

**Instructor:**

**Steve Chasteen, AIFireE, C.F.I., C.F.E.I.**

Steve has been in the fire service since 1972 serving as a volunteer firefighter and a full time career firefighter and company officer for 27 years for the City of Bloomington, Illinois Fire Department. He worked as a municipal fire investigator for the fire department for a number of years prior to returning to suppression duties on a ladder company where he retired as a Lieutenant.

Steve has also worked as a private fire investigator working in the insurance industry conducting fire investigations for the past 32 years. He has conducted more than 2,800 fire scene examinations and fire analysis to determine the origin and cause of the fire. Steve has testified extensively in both State and Federal Court as an expert witness. Steve is recognized as an "Associate at the Institute of Fire Engineers in London, England. He is a "Certified Fire Investigator" recognized by the International Association of Arson Investigators as well as a "Certified Fire and Explosion Investigator" recognized by the National Association of Fire Investigators. Steve also attended the ATF National Academy in Glynco, Ga. He is still a member of the MABAS 41 Fire Investigation Team in McLean County, Illinois.

Steve also works as a "Field Staff Instructor" with the University of Illinois Fire Service Institute in Champaign, Illinois. He has worked as one of the lead instructors in the Fire/Arson Investigation Training Program providing instruction to firefighters, police officers and insurance company representatives. He is also a National Instructor with the Public Agency Training Council in Indianapolis, Indiana. Steve has also provided fire investigation training to criminal investigators from various branches of the US Military.

Steve regularly consults with various local and state fire officials as well as law enforcement agencies around the country to provide assistance in fire investigation and fire scene analysis. He has also provided expert assistance to prosecutors in criminal cases as well as to the insurance industry and manufacturers in civil cases.

**October 17, 18 & 19, 2016**  
South Windsor, Connecticut

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

# 2.5 Day New Fire/Arson Investigator Academy

## Based on NFPA 921 & NFPA 1033

### Course Objectives:

Fire investigations is the process of obtaining facts about a fire to bring you to the conclusion—the Origin of the Fire and Cause.

This two and a half day introduction class will provide you with the basic tools and knowledge to help you obtain true facts about any fire investigation. This is an entry level class for new personnel entering into fire investigation.

Supposition, misinformation and false intuition will lead to false conclusions.

True Knowledge + True Facts = Actual Origin & Cause

#### Introduction to Fire Origin & Cause Determination

- Based on NFPA 921, 20011 edition and NFPA 1033, 2009 edition

#### Fire Investigation Overview

- In this course of instruction you will receive the necessary tools and knowledge to assist you in obtaining the facts about fires.
- Fire investigation is the process of obtaining facts about a fire/explosion to bring you to a correct conclusion to the origin & cause of the event.
- Supposition, misinformation and false intuition will lead to false and inaccurate conclusions.
- This class **is not** intended to make you a “certified” fire investigator.
- This class **is** intended to start you into the “never ending” fire investigation world.
- Fire investigation— is the process of determining the origin, cause and development of a fire or explosion.

#### The Fire Investigator

- Person who is generally responsible for obtaining facts about a fire to determine the origin, cause and responsibility.
- Great caution should be exercised when identifying the investigator as an “arson investigator”.
- This can give an inference that the fire was initially thought to be incendiary at the onset of the investigation.

#### Firefighter Responsibilities

- Firefighters are in a unique position to be able to see things others on the fire ground do not have the opportunity to see.
- During fire suppression activities, the firefighter may be able to assist the investigator after the fire is extinguished.

#### Fire Chief Responsibilities

- In most states, the chief is legally responsible to investigate & report the origin and cause of all fires.
- Needs to set the standards of education & capabilities of the investigator.

#### NFPA 921, 20011 Edition

- “Guide for Fire and Explosion Investigations”
- Intended to be a guide, although many courts are using it as a Standard of Care

#### Systematic Approach

- Systematic approach recommended is that of the *Scientific Method* which is used in the physical sciences.
- This method provides for the organizational & analytical process which is desirable and necessary in a successful fire investigation.

#### Scientific Method

- The systematic pursuit of knowledge involving the recognition and formulation of a problem, the collection of data through observations and experiment, and the formulation and testing of a hypothesis.

#### Basic Method of a Fire Investigation

- Receiving the assignment
- Preparing for the investigation
- Conducting the investigation
- Collecting & preserving the evidence
- Analyzing the incident
- Reporting procedure

**As a Fire Investigator you are on the stand under oath. You are asked to define fire. What will your answer be?**

## Seminar Agenda

# 2.5 Day New Fire/Arson Investigator Academy

### Based on NFPA 921 & NFPA 1033

October 17, 18 & 19, 2016 • South Windsor, Connecticut

### Monday, October 17, 2016

- 8:00 a.m.—8:30 a.m. **Registration**
- 8:30 a.m.—12:00 p.m. Introduction and Orientation  
Fire Behavior  
Recognizing Signs of Flashover
- 12:00 p.m.—1:00 p.m. **Lunch (On Your Own)**
- 1:00 p.m.—5:00 p.m. Determining Point of Origin  
Reading Burn Patterns

### Tuesday, October 18, 2016

- 8:00 a.m.—12:00 p.m. Determining Point of Origin  
(Continued)
- 12:00 p.m.—1:00 p.m. **Lunch (On Your Own)**
- 1:00 p.m.—5:00 p.m. Fire Causes  
Fire Scene Documentation  
Diagrams

### Wednesday, October 19, 2016

- 8:00 a.m.—11:00 p.m. Evidence Collection  
Legal Aspects
- 11:00 p.m.—12:00 p.m. Course Exam  
CEFI Exam Offered
- 12:00 p.m. **Certificate Presentation**

Cut Along Dotted Line

### 3 Ways to Register for a Seminar!

- Register Online** at [www.patc.com](http://www.patc.com) — Yellow link in upper left corner
- Fax Form** to Public Agency Training Council **FAX: 1-317-821-5096**
- Mail Form** to

Public Agency Training Council  
5235 Decatur Blvd  
Indianapolis, Indiana 46241

**\*NEW**

**Federal ID# 47-4078912**

**\*NEW**

**\*\*\* Pre-payment is not required to register \*\*\***

Upon receiving your registration we will send an invoice to the department or agency.

Checks, Claim Forms, Purchase Orders should be made payable to:

**Public Agency Training Council**

If you have any questions please call  
**317-821-5085 (Indianapolis)**  
**800-365-0119 (Outside Indianapolis)**



**Seminar Title:** 2.5 Day New Fire/Arson Investigator Academy— Based on NFPA 921 & 1033

**Instructor:** Steve Chasteen

**Seminar Location:** South Windsor Fire Department Station 3  
232 West Road  
South Windsor, CT 06074

**When:** October 17, 18 & 19, 2016

**Registration Time:** 8:00 A.M. (October 17, 2016)

**Hotel Reservations:** Hampton Inn & Suites Manchester  
1432 Pleasant Valley Road  
Manchester, CT 06042  
1-860-644-1732  
\$124.00 Single or Double

**Registration Fee:** \$295.00 Includes Hand-outs, 2.5 Day New Fire/Arson Investigator Academy Manual, Coffee Breaks, and Certificate of Completion.

**Seminar ID**  
**#14421**

**Note:** To receive discount room rates, identify with **State Gov't Rate**

**Names of Attendees** 1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

**Agency** \_\_\_\_\_

**Invoice To Attn:** \_\_\_\_\_  
(Must Be Completed)

**Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_ **Zip** \_\_\_\_\_

**Email** \_\_\_\_\_

**Phone** \_\_\_\_\_

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