

# Public Agency Training Council

*Jim Alsup, Director*



National Criminal Justice  
Public Safety Continuing Education

Sponsored By:  
**Wallingford Fire Prevention Bureau**  
Wallingford, Connecticut

Training Seminar

## Fire Pattern Recognition, Identification and Certification

**Note: This is a Certification Course**

**Tactics, Techniques and Procedures Used in Identifying,  
Documenting & Recognizing  
Fire Patterns in Today's Fire Scenes**

**Note:**

**There will be group involvement and participation, as well as  
class exercises in this course. This is a Certification Course  
for Pattern Recognition and Identification.**

**Instructor:**

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

**Steve Chasteen** has more than 34 years in the fire service, including 27 years as a full time firefighter and company officer. Mr. Chasteen has worked as a fire investigator for the past 29 years conducting more than 2,500 fire scene examinations. He has worked as a municipal fire investigator and in the private sector conducting origin and cause investigations for the insurance industry. Steve has also testified in Federal and State courts in Illinois as an expert witness in criminal and civil cases. Mr. Chasteen is a field staff instructor conducting origin and cause investigation training and other fire investigation related topics for the University of Illinois Fire Service Institute. He is recognized as a Certified Fire Investigator through the International Association of Arson Investigators and the Office of the State Fire Marshal of Illinois. Mr. Chasteen is also a Certified Fire and Explosion Investigator by the National Association of Fire and Explosion Investigators. He is a member of the IAAI and NAFI. Mr. Chasteen has also attended the ATF National Academy in Glenco, GA. He is also a member of the MABAS 41 fire investigation team in McLean County, Illinois.

**September 12, 13 & 14, 2011**  
Wallingford, Connecticut  
(Meriden, CT area)

**Register On-Line At: [www.patc.com](http://www.patc.com)**

# **Fire Pattern Recognition, Identification and Certification**

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## **Course Overview:**

### **Chemistry and Physics:**

The determination of the origin of a fire involves the coordination of information derived from burn patterns, observations, and chemistry and physics of fire. In this segment we will review the chemistry and physics of fire. It is important to have a thorough understanding of "fire" in order to make an accurate determination as to the area of origin and possible causes.

### **The Fingerprints Of Fire:**

As with any scene there are several identifying characteristics that may be located and evaluated at the scene. In this segment we will call these patterns the "Fingerprints of Fire."

Fire Patterns are the visible or measurable physical effects that remains after the fire. Fire patterns must be validated for use in determining the origin of a fire. In this section we will cover the validated fire patterns and their various meanings.

### **Case Studies:**

We will review actual case studies. Students are encouraged to bring a case with you to the class if you would like to. Time permitting, we will review your case as a class study.

# Seminar Agenda

## Fire Pattern Recognition, Identification and Certification

September 12, 13 & 14, 2011 • Wallingford, Connecticut  
(Meriden, CT area)

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### Monday, September 12, 2011

- 8:00 a.m.—8:30 a.m.      Registration
- 8:30 a.m.—10:00 a.m.      **Chemistry and Physics of Fire**
- 10:00 a.m.—12:00 p.m.      **Fingerprints of Fire**
- 12:00 p.m.—1:00 p.m.      Lunch (On Your Own)
- 1:00 p.m.—4:00 p.m.      **Fingerprints of Fire**

### Tuesday, September 13, 2011

- 8:00 a.m.—12:00 p.m.      **Fingerprints of Fire  
Pattern Recognition  
Class Participation**
- 12:00 p.m.—1:00 p.m.      Lunch (On Your Own)
- 1:00 p.m.—4:30 p.m.      **Fingerprints of Fire  
Pattern Recognition  
Class Participation**

### Wednesday, September 14, 2011

- 8:00 a.m.—10:00 a.m.      **Fire Pattern Recognition  
(Class Participation)**
- 10:00 a.m.—12:00 p.m.      **Case Studies**
- Pattern Recognition and  
Identification  
(Group Testing)**
- Certification Presentation**

Cut Along Dotted Line

### 3 Ways to Register for a Seminar!

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

**Public Agency Training Council**  
5235 Decatur Blvd  
Indianapolis, Indiana 46241

**Federal ID# 35-1907871**

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

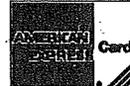
Upon receiving your registration we will send an invoice to the department or agency.

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:** Fire Pattern Certification  
**Instructor:** Steve Chasteen  
**Seminar Location:** Wallingford Central Fire Headquarters  
75 Masonic Ave  
Wallingford, CT 06492  
**When:** September 12, 13 & 14, 2011  
**Registration Time:** 8:00 A.M. (September 12, 2011)

**Seminar ID  
#10054**

**Hotel Reservations:** Fairfield Inn by Marriott  
100 Miles Drive  
Wallingford, CT 06492  
1-203-284-0001  
\$80.00 Single or Double

**Note:** To receive special room rates, please identify yourself with **Fire Bureau**

**Registration Fee:** \$295.00 Includes Hand-outs, Fire Pattern Recognition, Identification and Certification Manual, Coffee Breaks, and Certificate of Completion.

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

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

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

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

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

**Invoice To Attn:** \_\_\_\_\_

(Must Be Completed)

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

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

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

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

**Fax** \_\_\_\_\_

**The purpose of this training course is to provide Fire and Law Enforcement Investigators, Insurance Investigators, Private Investigators, Engineers, and Prosecutors with an understanding of Fire Patterns, and their Interpretations.**

### **Note**

**A portion of this class involves group activities. Involving Fire Pattern Identification and Recognition. This will be a Certification Course on Pattern Recognition and Identification.**

**Students are encouraged to bring a copy of N.F.P.A. 921 "Guide for Fire and Explosion Investigations" with you to class, if you have a copy available.**

### **Note**

**Class size limited to 50 attendees, with group Practical Exercises in Pattern Recognition, and Certification testing.**

**IMPORTANT FOR I.A.A.I. Certified Fire Investigators Testing is offered and optional for 5.5 C.F.I. Points and or 20 hours for the CFEI certified investigators or both.**

**Public Agency Training Council**

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Phone: 1-800-365-0119

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Email: [information@patc.com](mailto:information@patc.com)

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