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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 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.

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.



Public Agency Training Council

5235 Decatur Blvd
Indianapolis, Indiana 46241

Phone: 1-800-365-0119
Fax: 317-821-5096

Email: questions@patc.com

Visit us on the Web at:
www.patc.com

January 15, 16 & 17, 2019 • Manassas Park, Virginia

Public Agency Training Council

Mark Waterfill, President



National Criminal Justice
Public Safety Continuing Education

Sponsored By:
Manassas Park Fire and Rescue
Manassas Park, Virginia

This course approved to receive DEPARTMENT OF CRIMINAL JUSTICE SERVICES (DCJS) in-service training credit hours.

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

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.

January 15, 16 & 17, 2019
Manassas Park, Virginia
Register online at: www.patc.com

Fire Pattern Recognition, Identification and Certification

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

January 15, 16 & 17, 2019 • Manassas Park, Virginia

Tuesday, January 15, 2019

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

Wednesday, January 16, 2019

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

Thursday, January 17, 2019

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 — 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

***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: Fire Pattern Certification
Instructor: Steve Chasteen
Seminar Location: Manassas Park Community Center
99 Adams Street
Manassas Park, Virginia 20111

When: January 15, 16 & 17, 2019

Registration Time: 8:00 A.M. (January 15, 2019)

Hotel Reservations: Holiday Inn Express & Suites
10810 Battleview Parkway
Manassas, Virginia 20109
1-703-393-9797
Call Hotel For Current Rates (plus tax)

Registration Fee: \$325.00 Includes Fire Pattern Recognition, Identification and Certification Course Material, Coffee Breaks, and Certificate of Completion.

**Seminar ID
#16079**

Note: To receive discount room rates, identify yourself with **Current Rates**

Names of Attendees 1. _____

2. _____

3. _____

4. _____

Agency _____

Invoice To Attn: _____

(Must Be Completed)

Address _____

City _____ **State** _____ **Zip** _____

Email _____

Phone _____

Fax _____