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 a Post-Class Test is offered and optional for 5.5 C.F.I. Points and or 20 hours for the CFEI certified investigators or both.

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, 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 has also attended the ATF National Academy in Oxon, Ga. He is the 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 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.

**July 15, 16 & 17, 2014**

Whitehall, Pennsylvania

Register online at: www.patc.com
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.

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**Seminar Agenda**

**Fire Pattern Recognition, Identification and Certification**

**July 15, 16 & 17, 2014 • Whitehall, Pennsylvania**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, July 15, 2014</td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.—8:30 a.m.</td>
<td>Registration</td>
</tr>
<tr>
<td>8:30 a.m.—10:00 a.m.</td>
<td>Chemistry and Physics of Fire</td>
</tr>
<tr>
<td>10:00 a.m.—12:00 p.m.</td>
<td>Fingerprints of Fire</td>
</tr>
<tr>
<td>12:00 p.m.—1:00 p.m.</td>
<td>Lunch (On Your Own)</td>
</tr>
<tr>
<td>1:00 p.m.—4:00 p.m.</td>
<td>Fingerprints of Fire</td>
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<tr>
<td>Wednesday, July 16, 2014</td>
<td></td>
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<tr>
<td>8:00 a.m.—12:00 p.m.</td>
<td>Fingerprints of Fire</td>
</tr>
<tr>
<td>12:00 p.m.—1:00 p.m.</td>
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<tr>
<td>1:00 p.m.—4:30 p.m.</td>
<td>Fingerprints of Fire</td>
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<tr>
<td>Thursday, July 17, 2014</td>
<td></td>
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<tr>
<td>8:00 a.m.—10:00 a.m.</td>
<td>Fire Pattern Recognition (Class Participation)</td>
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<tr>
<td>10:00 a.m.—12:00 p.m.</td>
<td>Case Studies</td>
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<tr>
<td></td>
<td>Pattern Recognition and Identification</td>
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<td></td>
<td>(Group Testing)</td>
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<td>Certification Presentation</td>
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**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

Seminar Title: Fire Pattern Certification
Instructor: Steve Chasteen
Seminar Location: Whitehall Training Facility

2600 Lehigh Street
Whitehall, PA 18052

When: July 15, 16 & 17, 2014
Registration Time: 8:00 A.M. (July 15, 2014)

Hotel Reservations: Staybridge Suites
1707-A Airport Road
Allentown, PA 18109
1-610-443-5000
$87.00 Single Queen Studio Suite (plus tax)


Names of Attendees 1.
2.
3.
4.

Agency

Invoice To Attn: ____________________________________________ (Must Be Completed)

Address __________________________ State____ Zip ____________

City __________________________ Email ____________

Phone __________________________ Phone ____________

Fax __________________________