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-CFIS): 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.

The purpose of this 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.

Instructor:
Steve Chasteen, AlFireE, 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 2,500 fire scene examinations and fire analyses 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 12, 13 & 14, 2015
Appleton, Wisconsin
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.

Seminar Agenda
Fire Pattern Recognition, Identification and Certification
October 12, 13 & 14, 2015 • Appleton, Wisconsin

Monday, October 12, 2015
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, October 13, 2015
8:00 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.—4:30 p.m. Fingerprints of Fire

Wednesday, October 14, 2015
8:00 a.m.—10:00 a.m. Fire Pattern Recognition (Class Participation)
10:00 a.m.—12:00 p.m. Case Studies
12:00 p.m.—2:00 p.m. Pattern Recognition and Identification (Group Testing)
2:00 p.m.—4:00 p.m. Certification Presentation