

**CURRICULUM VITAE
Curtis L. Hawk, CFI**

EXPERIENCE

During my 22 years with the City of Newark as an Engine Company Fire Captain, I investigated approximately 2,200 fires to determine origin and cause. During my 30-year career as a municipal firefighter and officer, I responded to approximately 3,000 fires of all types. This exposure to investigation of vehicle, vegetation, and structural fires provided me with the practical knowledge of fire behavior and post-fire indicators.

During the last ten years of my career with the municipal fire agency, I was trained and assigned as shift fire investigator. While on-duty, I was called to investigate any fire in the City that the responding officer determined required my fire investigation expertise. The responsibility included off-duty call back to conduct investigations.

For approximately ten years, I represented my Department in the Alameda County Fire Investigation team. This experience provided practical knowledge of leadership and team coordination in investigations involving several agencies.

As a California State Board of Fire Services Master Instructor, Fire Officer, and Fire Investigator, I taught sixteen 40-hour courses in fire investigation at community colleges throughout the State. These courses are certified by the State Board of Fire Services and are part of the State Fire Investigator and Certified Fire Officer programs. I used photographs and materials collected from fire scenes as demonstrations and called on attorneys, police officials, a criminalist, and representatives of the insurance industry to assist with class segments. This provided me with valuable knowledge about the variety of agencies associated with fire investigations and with a broader knowledge of investigation techniques.

I served as Coordinator for a municipal hazardous materials response team and taught several State Certified courses in leadership, fire command, and emergency management of hazardous materials related incidents. This experience gave me valuable knowledge regarding the nature of hazardous materials in the initiation of fires, their influence on fire behavior, and the safety issues surrounding fire and explosion investigations when such materials are involved.

I conducted or participated in over forty live burns of structures and vehicles for investigative training purposes. During and after these fires I observed and photographed fire behavior and burn/char indicators. I used this knowledge to teach fire investigation techniques to other firefighters and officers about burn patterns, fire behavior, scene preservation, and investigation. Some of this live experience included the use of explosives and incendiary devices. This provided me a broader range of fire investigation experience,

including exposure to the influence of ventilation and firefighting activities on fire behavior and post-fire indicators.

In 1989 I attended Symposium IV, hosted at Asilomar by the State Board of Fire Services. This workshop involved the conferees in outlining the future for mitigating California's arson and bomb problem.

I am a full-time senior private fire investigator for Fire Cause Analysis. I began my career with FCA in June 1996. I conduct approximately 150 fire investigations per year. I am a State of California licensed Private Investigator, #22168.

EDUCATION

- 94 units of fire technology/fire science classes from a variety of Community Colleges
- 320 hours of formal fire investigation training
- Graduate - James Logan High School, 1960
- Specialized training and education in fire behavior, fire dynamics, hazardous materials, and fire cause and origin determination includes:

State Fire Marshal

Fire Origin and Cause Determination	Fire Investigation 1A	40 hours - 1985
Investigation Techniques	Fire Investigation 1B	40 hours - 1986
Scene Investigation & Documentation	Fire Inv. 2A equivalency	40 hours - 1997
Investigation & Court Proceeding	Fire Inv. 2B equivalency	40 hours - 1997
Fire Inspection Practices	Fire Prevention 1A	36 hours - 1984
Code Enforcement	Fire Prevention 1B	36 hours - 1985
	Fire Command 1A	36 hours - 1984
	Fire Command 1B	36 hours - 1984
	Fire Command 2A	40 hours - 1988
	Fire Command 2B	40 hours - 1989
	Hazardous Materials 1A	36 hours - 1985
	Hazardous Materials 1B	48 hours - 1985
	Hazardous Materials 1C	36 hours - 1985
	Hazardous Materials 1D	36 hours - 1985
	Hazardous Materials 1F	40 hours - 1992
	Hazardous Materials 1G	40 hours - 1992

IAAI

Courtroom Testimony Program	20 hours - 1997
I.A.A.I. – Seminar Reno	28 hours – 2003

Fire Findings

Investigation of Gas and Electric Appliance Fires	16 hours - 2000
---	-----------------

California Conference of Arson Investigators (C.C.A.I.)

Fire Investigator’s Academy I California Fire Chief’s Assn.	36 hours - 1976
Fire Investigator’s Academy II California Fire Chief’s Assn.	36 hours - 1976
C.C.A.I.– Gangs, drug labs, cults	18 hours - 1989
C.C.A.I.– Insurance, fraud	18 hours - 1989
C.C.A.I – Live Burn Training Conference	24 hours – 2002
C.C.A.I. – Live Burn Training Conference	20 hours - 2004
C.C.A.I. – Advanced Fire/Arson Investigation (Explosion investigation)	20 hours - 2005

Other Workshops and Conferences

Garrett Video Productions – Crime Scene Videotaping	24 hours - 1986
Hughes Institute – Investigation of Electrical Fires	12 hours - 1995
Sonoma Co. Fire Investigation Task Force – Expert Witness Testimony	7 hours - 2002

EMPLOYMENT

Fire Investigator-Private	Fire Cause Analysis	1996 – present
Fire Investigator-Public Agency	City of Newark/Alameda County	1985 to 1996
Fire Captain	City of Newark Fire Department	1974 to 1996
Firefighter	City of Newark Fire Department	1965 to 1974
Fire Instructor	Community Colleges	1986 to 1996
Coordinator, Hazardous Materials Response Team - City of Newark		1996 to 1998

CERTIFICATES AND ACCREDITATIONS

Teaching Credential - California Community College Limited Service - Valid for Life
Master Instructor – California State Board of Fire Services - 1986

California State Board of Fire Services:

Certified to teach courses:

Fire Investigation	1A
Fire Investigation	1B
Fire Command	1A
Fire Command	1B

California State Offices of Emergency Services:

Certified to teach courses:

Hazardous materials Incident Commander/Scene Manager
Hazardous materials First Responder Awareness/Operational

Certified Fire Investigator, 1998	International Association of Arson Investigators
Certified Fire Investigator II, 1997	(Academic requirements) - California State Board of Fire Services
Certified Fire Investigator I, 1987	California State Board of Fire Services
Hazardous Materials Specialist, 1992	California State Office of Emergency Services, CSTI

Hazardous Materials Technician, 1987	California State Office of Emergency Services, CSTI
Certified Fire Officer, 1986	California State Board of Fire Services
Certificate of Achievement, 1974	Chabot College
Private Investigator License, 2000	State of California, Consumer Affairs (PI license #22168)

MEMBERSHIPS

International Association of Arson Investigators	(I.A.A.I.)
California Conference of Arson Investigators	(C.C.A.I.)

AWARDS AND HONORS

Firefighter of the Year, 1994	Newark Fire Department–Newark Optimist Club
Commendation – 30 years, 1996	City of Newark Mayor/Council
Certificate of Appreciation, 1996	College of San Mateo

PUBLICATIONS AND REPORTS

Letter to the Editor, January 2003 “Fire and Arson Investigator” - IAAI

TESTIMONY

Deposition May 13, 1999	Grass Valley, Nevada County, CA	Residential structure fire
Deposition June 23, 1999	Oakland, Alameda County, CA	Commercial structure fire
Jury Trial June 30, 1999	Grass Valley, Nevada County, CA	Residential structure fire
Deposition Oct. 12, 1999	San Francisco, City & County, CA	Residential structure fire
Jury Trial October 28, 1999	Petaluma, Sonoma County, CA	Residential structure fire
Arbitration July 17, 2000	Sacramento, CA	Residential structure fire
Arbitration Oct. 25, 2000	San Francisco, SF County, CA	Apartment structure fire
Arbitration Jan. 9, 2002	Contra Costa Co., CA (00-1946)	Residential structure fire
Deposition May 6, 2002	Contra Costa Co., CA (00-2103)	Apartment structure fire
Arbitration June 4, 2002	Contra Costa Co., CA (00-1350)	Apartment structure fire
Jury Trial October 29, 2001	San Mateo County, CA (00-2233)	Boat fire
Deposition Nov. 21, 2002	Alameda County, CA (02-3496)	Dental office fire
Arbitration April 7, 2003	Santa Clara County, CA (03-4726)	Residential structure fire
Deposition April 10, 2003	San Francisco County, CA (99-255)	Restaurant fire
Deposition Sept. 29, 2003	San Francisco County, CA (02-3939)	Retail store fire
Deposition October 7, 2003	Alameda County, CA (03-4726)	Residential structure fire
Deposition Sept. 13, 2004	San Francisco County, CA (01-3409)	Residential structure fire

10/05
Curt Hawk CV