

FIRE AND ARSON EXPERT QUALIFICATION

Dave Smith CFI (V), CFEI, CVFI, CFII



Introduction

Dave Smith specializes in fire cause investigations. Dave has been involved in the investigation of over 1500 fires including motor vehicles, recreational vehicles, residential and commercial structures and agricultural losses to include large horse barns and hay storage facilities.

Fire/Arson education

Dave has over 800 hours of classroom and practical instruction in fire and arson. Dave also has over 1,000 hours of training specifically related to investigative practices through his time with the Phoenix Police Department. Classes have included but not limited to; Fire and Explosion investigations, vehicle fire investigations, electrical fire investigation, fire pattern identification and recognition, fire science, chemistry and physics of fire, computer fire modeling, explosives identification and scene analysis and arson investigation. These are only some of the many areas where formal training has been received.

Education

Glendale Community College; Criminal Justice studies

Wayland University; Criminal Justice and related studies

International Association of Arson Investigators (IAAI)
Certified Fire Investigator CFI
Certified Vehicle Fire Investigator CFI (V)

National Association of Fire Investigators; Certified Fire and Explosion Investigator, CFEI

National Association of Fire Investigators; Certified Vehicle Fire Investigator, CVFI
National Association of Fire Investigators; Certified Fire Investigation Instructor, CFII

International Association of Auto Theft Investigators Association; Certified Vehicle Theft Investigator, CVTI

AZPOST, Arizona Police Officer Standards Training; Certified Instructor

Publications

RISK Newsletter; Several publications including articles on cause and origin investigations and vehicle fire investigations.

Vehicle Theft Investigation Handbook; Published by the City of Phoenix Police Department, contributing author.

Seminars and Special Courses

NV-IAAI “Investigating Marijuana Concentrate and Grow Operation Incidents sponsored by Southwest Gas in Nevada 8 tested hours October 19th, 2018

IAAI (International Association of Arson Investigators) 2018 International Training Conference, 32 tested hours. May 21st through May 25th, 2018, Frisco, Texas

IAAI (International Association of Arson Investigators) “Motor Vehicles: The Engine and the Ignition, Electrical and Fuel Systems” on line 4 hours April 16th, 2018

IAAI (International Association of Arson Investigators) “Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems” on line 4 hours April 16th, 2018

IAAI (International Association of Arson Investigators) “Knowledge 1 Motor Vehicle Fires Tier 1” on line 8 hours April 16th, 2018

IAAI (International Association of Arson Investigators) "Fire Chemistry" on line 3 hours January 6, 2018

IAAI (International Association of Arson Investigators) "Physical Evidence at the Fire Scene" on line 4 hours June 10th, 2017

IAAI (International Association of Arson Investigators) "Evidence Examination: What Happens at the Lab" on line 4 hours June 10th, 2017

International Association of Arson Investigators (IAAI) International Training Conference 32 Tested hours of training April 10th through April 14th, 2017. Las Vegas, Nevada

IAAI (International Association of Arson Investigators) "DNA" on line class 3 hours April 7th, 2017

IAAI (International Association of Arson Investigators) "The Impact of Ventilation in Building Structures on Fire Development" on line class 4 hours January 7th, 2017

IAAI (International Association of Arson Investigators) "Introduction to Fire Dynamics and Modeling" on line class 4 hours October 4th, 2016

IAAI (International Association of Arson Investigators) "Introduction to Evidence" on line class 4 hours August 14th, 2016

IAAI (International Association of Arson Investigators) "Electrical Safety" on line class 3 hours August 14th, 2016

IAAI (International Association of Arson Investigators) "Basic Electricity" on line class 4 hours August 14th, 2016

IAAI (International Association of Arson Investigators) "The Practical Application of the Relationship Between NFPA 1033 and NFPA 921" on line class 2 hours August 14th, 2016

IAAI (International Association of Arson Investigators) "Critical thinking solves cases" on line class 4 hours August 12th, 2016

NAFI (National Association of Fire Investigators) NFPA 921 & NFPA 1033 "Putting it Together" seminar July 18th thru 21st 2016 32 hours & NAFI "Certified Fire Investigation Instructor" class July 22nd, 2016 8 hours (Certification class) CFII

The above seminar included courses in the following; Fire investigation methodology, photography, documentation, explosion dynamics, fire dynamics and pattern development, arson investigation, interview techniques, fire protection systems, fire related deaths, fire pattern analysis, hazardous materials, and computer fire modeling.

IAAI (International Association of Arson Investigators) "NFPA 1033 and your career" on line class 2 hours February 21st, 2016

IAAI (International Association of Arson Investigators) "Effective Fire Investigation and Testimony" on line class 3 hours February 19th, 2016

IAAI (International Association of Arson Investigators) "Process of Elimination" on line class 3 hours February 15th, 2016

IAAI (International Association of Arson Investigators) "Ethics and the Fire Investigator" on line class 3 hours February 9th, 2016

IAAI (International Association of Arson Investigators) "Documenting the Event" on line class 4 hours January 21st, 2014

IAAI (International Association of Arson Investigators) "Writing the initial Origin and Cause report" on line class 3 hours January 19th, 2014

IAAI (International Association of Arson Investigators) "Explosion Dynamics" on line class 4 hours January 17th, 2014

IAAI (International Association of Arson Investigators) "Investigating Motor Vehicle Fires" on line class 4 hours January 16th, 2014

Public Agency Training Council, Fire and Arson Investigations 35 hours December 2013

IAAI (International Association of Arson Investigators) "Arc Mapping Basics" on line class 4 hours November 12th, 2013

Fire investigation seminar: Andler & Associates Forensic fire laboratory in Maricopa, AZ. March 2012 Instructor/Presenter

Fire investigation seminar: Andler & Associates Forensic fire laboratory in Maricopa, AZ. May 2010 & May 2011 Instructor/Presenter

IAAI (International Association of Arson Investigators) "Fire and Explosion Investigations Utilizing NFPA 1033 & 921" on line class 4 hours July 19th, 2009

IAAI (International Association of Arson Investigators) "The Scientific Method for Fire and Explosion Investigation" on line class 3 hours July 18th, 2009

Fire Investigation Seminar; Andler & Associates Forensic Fire Laboratory in Maricopa, AZ. March 13th, 2009- Instructor/Presenter

Public Agency Training Council, Fire Pattern Certification, 22 hours, October 2008

Public Agency Training Council, Fire Pattern Certification, 22 hours, August 2007

National Association of Fire Investigators, Advanced Fire, Arson and Explosion Investigations, March 2007

Fire Investigation Seminar; Andler & Associates Forensic Fire Laboratory in Maricopa AZ. December 2006

National Association of Fire Investigators; Vehicle Fire Investigations, September 2005

National Association of Fire Investigators; Fire and Arson Investigations, May 2005

Andler & Associates & Arizona Auto Theft Investigators Association; Vehicle Fire Investigations. March 2005

International Association of Arson Investigators; Fire and Explosion Investigations, February 2005

Vehicle Fire Investigation Seminar presented by Lee Cole and Associates; November 2004

Additionally, during the years with the Phoenix Police Department Dave has received over 1000 hours of training specifically related to criminal investigations.

Professional Record

Gold Buckle Investigations LLC Owner and Fire Investigator for Andler & Associates July 2005 to present.

Phoenix Police Department; December 1982 to July 2005. Criminal Investigator responsible for the investigation of fires including vehicle fires, insurance fraud, organized criminal activity, criminal syndicates and numerous related crimes.

Maricopa County Sheriff's Office; November 1981 to December 1982. Jail Detention Officer.

Tolleson Police Department; Reserve Police Officer February 1982 to December 1982
