

## Matthew B. Cole | Fire Investigator, CFEI, CVFI

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### Professional Summary:

Mr. Cole graduated from Eastern Kentucky University (EKU) in December of 2015, where he received a Bachelor of Science in Fire, Arson, & Explosion Investigation. During his time at EKU, Matthew was employed by the University as an assistant in their Fire Research Lab where he was responsible for the development and completion of scientific fire research experiments. This included the construction of several live fire research cells as well the construction of several electrical principle demonstration labs now used by the university.

Mr. Cole is also a graduate of the Central Kentucky Technical College of Lexington, Kentucky (now Bluegrass Community and Technical) where he studied to become an apprentice electrician and was a licensed electrician in his home state of Kentucky.

After college Mr. Cole spent two years in Unified Investigations apprenticeship program working as a Fire & Evidence Technician working alongside established company fire investigators until being promoted to the position of Fire Investigator himself in April 2018

### Licenses and Certifications:

Private Investigator License, FL Dept. of Agriculture, License #: C1800576

Private Investigator License, GA Board of Private Investigators, License #: PDE050753

Asbestos O&M, Asbestos Consulting & Training Systems, Certificate 173119

Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators, Registration#: 19400-10763

Certified Vehicle Fire Investigator (CVFI), National Association of Fire Investigators, Registration#: 19400-10763v

OHSA Hazardous Waste Safety for General Site Workers (HAZWAPOR), Safety America Inc., October 2017, Certificate HM40-17-10-1 (Renewed Yearly)

Asbestos Building Inspector, Mayhew Environmental Training Associates., September 2019, Certificate ME2325EEDE67674BE (Renewed Yearly)

### Professional Experience:

EFI Global, Fire Investigator, Current  
Unified Investigations, Fire Investigator, 2018-2018  
Unified Investigations, Fire & Evidence Technician, 2016-2018

### Specialized Education:

#### **International Association of Arson Investigators (IAAI) – CFITrainer.net**

Thermometry, Heat, and Heat Transfer, April 2020, 3 Hours (Tested)  
Process of Elimination, April 2020, 3 Hours (Tested)  
Fundamentals of Residential Building Construction, April 2020, 3 Hours (Tested)  
Fire Investigation for Fire Investigators Multi-Program, April 2020, 31 Hours (Tested)  
Fire Flow Analysis, April 2020, 3 Hours (Tested)  
Fire Investigation for Fire Officers, April 2020, 3 Hours (Tested)  
Means, Motive & Opportunity: Determining Responsibility in an Arson Case, April 2020, 4 Hours (Tested)  
Legal Aspects of Investigating Youth Set Fires, April 2020, 3 Hours (Tested)  
Effective Investigation and Testimony, April 2020, 3 Hours (Tested)  
Discovery in Criminal Cases, April 2020, 3 Hours (Tested)  
Discovery in Civil Cases, April 2020, 3 Hours (Tested)  
DNA, April 2020, 3 Hours (Tested)  
Ethical Duties Beyond the Fire Scene, April 2020, 3 Hours (Tested)  
Explosion Dynamics, March 2020, 4 Hours (Tested)  
Fire Chemistry, March 2020, 3 Hours (Tested)  
Ethics and Social Media, March 2020, 3 Hours (Tested)  
Writing the Initial Origin and Cause Report, March 2020, 3 Hours (Tested)  
Motor Vehicles: Transmission, Exhaust, Brakes, and Accessory Systems, March 2020, 3 Hours (Tested)  
Motor Vehicles: Engine, Ignition, Electrical & Fuel Systems, March 2020, 3 Hours (Tested)  
The Potential Value of Electronic Evidence in Fire Investigation, February 2020, 4 Hours (Tested)  
Introduction to Evidence, February 2020, 4 Hours (Tested)  
Charting Your Career Path in Fire Investigation, February 2020, 3 Hours (Tested)  
The HAZWOPER Standard, February 2020, 4 Hours (Tested)  
Investigating Natural Gas Systems, January 2020, 3 Hours (Tested)  
Residential Natural Gas Systems, January 2020, 3 Hours (Tested)  
Understanding Undetermined, January 2020, 3 Hours (Tested)  
Investigating Fatal Fires, January 2020, 4 Hours (Tested)  
Introduction to Appliances, January 2020, 3 Hours (Tested)  
Vacant and Abandoned Buildings: Hazards and Solutions, January 2020, 4 Hours (Tested)  
Critical Thinking Solves Cases, January 2020, 4 Hours (Tested)  
Introduction to Youth Set Fire, January 2020, 3 Hours (Tested)  
Critical Evaluation and Testing of Commonly Reported Accidental Cause, January 2020, 3 Hours (Tested)  
2019 ITC – Objectivity: Are We Doing It Right?, July 2019, 2 Hours (Tested)

2019 ITC – When Arson Becomes the Murder Weapon: The Cheshire, CT Arson Murders, July 2019, 4 Hours (Tested)  
2019 ITC – The Impact of Ventilation on Fire Patterns in Full Scale Structures, July 2019, 2 Hours (Tested)  
2019 ITC – Everything You Need to Know About EUO's, July 2019, 2 Hours (Tested)  
2019 ITC – Finding & Utilizing Connected Devices & Social Media Data in Claims Investigations, July 2019, 4 Hours (Tested)  
2019 ITC – Spontaneous Heating Fires with Vegetable Oils/Fats, July 2019, 2 Hours (Tested)  
2019 ITC - Vehicle Electrical Systems and Hot Surface Ignition, July 2019, 2 Hours (Tested)  
How First Responders Impact the Fire Investigation, February 2018, 2 Hours (Tested)  
Fire Protection Systems, September 2017, 3 Hours (Tested)  
Electrical Safety, August 2017, 3 Hours (Tested)  
Residential Electrical Systems, August 2017, 4 Hours (Tested)  
Charleston Sofa Super Store Fire, August 2017, 4 Hours (Tested)  
Accreditation Certification & Certificates, January 2017, 3 Hours (Tested)  
An Analysis of the Station Nightclub Fire, October 2016, 4 Hours (Tested)  
Evidence Examination: What Happens in the Lab?, October 2016, 4 Hours (Tested)  
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, September 2016, 2 Hours (Tested)  
1033 and Your Career, September 2016, 2 Hours (Tested)  
Arc Mapping Basics, June 2016, 4 Hours (Tested)  
Ethics and the Fire Investigator, June 2016, 3 Hours (Tested)  
Basic Electricity, September 2014, 4 Hours (Tested)  
Fundamentals of Interviewing, October 2013, 4 Hours (Tested)  
Physical Evidence at the Fire Scene, October 2013, 4 Hours (Tested)  
Post Flashover Fires, October 2013, 4 Hours (Tested)  
Documenting the Event, September 2013, 4 Hours (Tested)  
Digital Photography and the Fire Investigator, September 2013, 4 Hours (Tested)  
Search and Seizure, August 2013, 4 Hours (Tested)  
The Scientific Method for Fire and Explosion Investigation, August 2013, 3 Hrs. (Tested)  
Fire Investigator Scene Safety, August 2013, 3 Hours (Tested)  
Understanding Fire Through the Candle Experiments, October 2011, 4 Hours (Tested)  
Investigative Training LLC, Florida Private Investigator "CC" License Training Course, December 2016, Online Course, 40 Hours (Tested)  
National Association of Fire Investigators, Certified Vehicle Fire Investigator Seminar, June 2018, Georgetown, KY, 32 Hours (Tested)  
National Association of Fire Investigators, March 2014 Conference, Eastern Kentucky University, Richmond, Kentucky, 32 Hours (Tested)  
National Investigative Training Academy, Georgia Private Investigator License Training Course, June 2017, Online Course, 70 Hours (Tested)  
Essentials of NFPA 1033, January 2017, Online Course, 8 Hours (Tested)  
Continuing Education and Orientation Course for Forensic Investigation, August 2016, Baltimore, Maryland, 24 Hours

### Education:

Bachelor of Science, Major - Fire, Arson & Explosion Investigation, Eastern Kentucky University, Richmond, Kentucky

**Affiliations:**

International Association of Arson Investigators (IAAI), Membership #: 1315309  
National Association of Fire Investigators (NAFI), Membership #: 19400-10763v