

CURRICULUM VITAE

Michael Coyle, IAAI, CFVI ,ECT. NAFI ,CFEI

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EDUCATION

January 2018 New York City Fire Investigator: Basic Fire and Criminal Investigations Course
February 2003 New York City Fire Academy: Basic Engine operations, ladder operations, fire department rules and regulations , fire department communications, and medical training.
August 1998 New York City Police Academy: Police science, behavior science, law, firearms training and defensive tactics
June 1997 Associates Degree, State University of New York at Delhi: Major in Electrical Construction
June 1994 Clarkstown South High School

EXPERIENCE

2021-2023 New York City Fire Marshal Auto Squad

- Determine cause and origin of vehicle fires
- Process scene and collect evidence
- Collaborate with law enforcement and insurance companies
- Identify cases that involve auto fraud post burn.
- Identify vehicles used in crimes post burn.

2017-2021 New York City Fire Marshal

- Determine the causes and origins of fires and or explosions
- Process fire scenes; search for, examine, and collect evidence
- Gather and analyze data
- Interview witnesses, suspects, victims, law enforcement, and Fire Department personnel
- Performs arrests of suspects and prepares and serves subpoenas on witnesses
- Obtain sworn testimony from witnesses and testify as an expert witness at hearings and trials
- Prepare detailed written investigation reports resulting from my investigation and interviews
- Maintain proficiency in firearms and tactics

2003-2017 New York City Fire Fighter: Ladder 50, Bronx, NY

Responded to structural fires (multiple dwellings, commercial, and private dwellings), vehicle fires, brush fires and Certified First Responder to medical emergencies.
Responded to all other emergencies: gas leaks, CO emergencies, water leaks, building collapses, vehicle extrications, elevator emergencies, confined space rescues, scaffolding emergencies
Conducted drills and mentored junior members

1998-2003 New York City Police Officer

- Field trained in 70 Precinct Brooklyn
- Assigned to Police Service Area #6 in April 1999
- Assigned to patrol 4x12 squad 3 after completing probationary period of FTU
- Responded to all emergencies, crime, medical, and fire within the confines of the New York City Housing Facilities
- Patrolled all areas of NYCHA for quality of life and crimes in progress
- Conducted criminal investigations, secured crime scenes, patrolled drug prone locations, and responded to other concerns of the public
- Apprehended suspects and participated in arrest processing
- Testified in court proceedings

EXPERT TESTIMONY

2018	August	Grand Jury testimony	People vs. Phillis Tate	Manhattan Arson 2
2019	March	Grand jury testimony	People vs. Stephin Bush	Manhattan Attempted Arson 1
2019	May	Grand jury testimony	People vs. Martin Perirer	Queens Murder 1/ Arson1
2019	May	Grand jury testimony	People vs. Kahj Woods	Queens Murder 2 /Arson 1
2019	September	Jury Trial	People vs Phillis Tate	Manhattan Arson 2
2020	October	Grand Jury testimony	People vs. Willie Manning	Manhattan Arson 2
2022	January	Pre Trial Hearing	People vs Edgar Perez	Queens Arson 2
2022	May	Jury Trial	People vs Kahj Woods	Queens Murder2/Arson1
2022	May	Grand Jury Testimony	People vs Leon Bunting	Brooklyn Arson 3
2022	September	Civil Deposition	S&G Seeram vs J&S Singh	Queens
2023	July	Civil Disposition	Forrest House LLC vs Jamaris Santos	Bronx

ADDITIONAL TRAINING

June 2003	Special Operations Command Support Ladder company Training
June 2003	Hazardous Material Technician level 1
June 2003	Confined space/ Collapse rescue
October 2007	Drager Certification
March 2008	Chauffeur training school
January 2020	HIDTA Search and Seizures
May 2021	NYS Fire, Vehicle Fire Class
November 2021	NJ IAAI Motor Vehicle Investigation
October 2022	IAAI Evidence Collection Technician
November 2022	IAAI Fire Investigation Technician
February 2023	IAAI Knowledge 1 Motor Vehicle Fire Tier
May 2024	NYS IAAI Combining Spherical and Traditional Photography to document fire scenes
May 2024	NYS IAAI Material Ignitability and Ignition sources
May 2024	NYS IAAI Case study Jay Street Fire
May 2024	NYS IAAI Explosion Dynamics
May 2024	NYS IAAI Post Flashover pattern persistence.

PROFESSIONAL ORGANIZATIONS:

International Association of Arson Investigator Since 2022

National Association of Fire Investigators Since 2024

TESTABLE TRAINING, CFI

8/5/2022	An Analysis of The Station Nightclub Fire, 4 Credit Hours
10/26/2018	Arc Mapping Basics, 4 Credit Hours
10/25/2018	Basic Electricity, 4 Credit Hours
9/14/2022	DNA, 3 Credit Hours
9/1/2021	Documenting the Event, 4 Credit Hours
6/7/2022	Electric & Hybrid vehicle Design Basics, 3 Credit Hours
9/23/2021	Electric & Hybrid Vehicle Fires, 3 Credit Hours
10/27/2018	Electrical Safety, 3 Credit Hours
9/29/2017	Ethics and the Fire investigator, 3 Credit Hours
9/23/2021	Evidence Examination: What Happens at the Lab?, 4 Credit Hours
5/16/2022	Explosion Dynamics, 4 Credit Hours
9/29/2020	Fire Flow Analysis, 3 Credit Hours
10/4/2022	Fire Protection Systems, 3 Credit Hours
4/3/2021	Fundamentals Of interviewing , 4 Credit Hours
10/27/2018	Fundamentals of Residential Building Construction, 3 Credit Hours
11/8/2022	IAAI-FIT Test
6/1/2022	Insurance and the Fire investigation, 4 Credit Hours
8/11/2020	introduction to Appliances, 3 Credit Hours
11/9/2018	Introduction to Evidence, 4 Credit Hours
8/7/2020	introduction to Youth-Set Fires, 3 Credit Hours
4/3/2021	investigating Fatal Fires, 4 Credit Hours
5/26/2021	investigating Motor Vehicle Fires, 4 Credit Hours
2/2/2023	Knowledge 1 Motor Vehicle Fires Tier 1, 8 Credit Hours
11/30/2022	Lithium-ion Battery Fires, 3 Credit Hours
5/27/2021	Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, 3 Credit Hours
6/3/2022	Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, 3 Credit Hours
1/27/2023	NFPA 1033 & 921:202212021 Editions important Updates, 3 Credit Hours
9/29/2017	NFPA 1033 and Your Career, 2 Credit Hours
11/22/2021	NJ IAAI November 2021"-Motor Vehicle Fire investigation (Three Day), 24 Credit Hours
7/3/2023	Photovoltaic Cells & Systems, 3 Credit Hours
4/1/2022	Physical Evidence at the Fire Scene, 4 Credit Hours
3/8/2023	Residential Electrical Systems, 4 Credit Hours
9/22/2022	The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, 2 Credit Hours
9/23/2022	The Scientific Method for Fire and Explosion investigation, 3 Credit Hours
2/7/2022	Thermometry, Heat, and Heat Transfer, 3 Credit Hours
6/8/2024	WildLand Fires Investigation 5 hours

6/15/2024	Managing Complex Fire Scenes 4hours
6/19/2024	Fire Dynamics in the Wildland 3 hours

CERTIFICATES

IAAI-FIT
IAAI FIT (V) Motor Vehicle Fire
NYS-OPC Vehicle Fire Investigator 20 hrs
NT-NJ HIDTA Searches and Seizures 16 hrs
NJ IAAI Motor Vehicle Fire Investigation 24 hrs
IAAI Certified Evidence Collection Technician
NAFI Certified Fire and Explosion Investigator
NYS Private Investigator ID # 11000233296
IAAI Certified Fire Investigator # 23-121091

CITATIONS

FDNY Unit citation: Mass Casualty incident, March 11 2012.
FDNY BFI Unit Citation Serial Arson Queens 2020
FDNY BFI Unit Citation Revenge Commercial Bronx 2021
NYPD Unit citation: 1999
Awarded excellent police duty 3 times
1 Meritorious police duty.