

Joseph F. Crowley | Fire Investigator, IAAI-CFI

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Professional Summary:

Mr. Crowley is a United States Marine Corps Veteran and a retired Deputy Fire Marshal/ firefighter with over sixteen years of Fire Service experience with the City of Norwich, CT Fire Department. For eleven years was a fire suppression and five years was directly involved in fire and explosion incident investigations. Mr. Crowley has investigated over 200 fire scenes that have involved commercial and residential properties. Mr. Crowley has worked with Local, State and Federal agencies on IED'S, arson and fatality investigations.

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators, #24-091365
Certified Fire Investigation Technician, International Association of Arson Investigators
Certified Evidence Collection Technician, International Association of Fire Investigators
Certified Fire and Explosion Investigator, National Association of Fire Investigators, #243451-14373
International Fire Service Accreditation Firefighter II Certification

Professional Experience:

Norwich Fire Department, Deputy Fire Marshal 2018-2023
Norwich Fire Department, Firefighter 2007-2018
Mohegan Sun Casino Surveillance Dept.2003-2007

Specialized Education:

NIMS Introduction to Incident Command (100) - National Fire Academy 2022 Tested.
Fire Inspection Principles II - National Fire Academy 2022 Tested.
Forensic Interviewing and Evidence Collection - National Fire Academy 2022 Tested.
NIMS Basic Incident Command System for Initial Response (200) - National Fire Academy 2022 Tested.
Digital Photography & the Fire Investigator - CFITrainer.net / IAAI 2022
DNA - CFITrainer.net / IAAI 2022
Emerging Technologies in Fire Investigation - CFITrainer.net / IAAI 2022
Evidence Examination: What happens at the lab? - CFITrainer.net / IAAI 2022
Fundamentals of Interviewing - CFITrainer.net / IAAI 2022

The Potential Value of Electronic Evidence in Fire Investigating - CFITrainer.net / IAAI 2022
Legal Aspects of Investigating Youth Set Fires - CFITrainer.net / IAAI 2021
Motor Vehicles: Transmission, Exhaust, Brake and Accessory Systems - CFITrainer.net / IAAI 2021
Preventing Occupational Exposures to Carcinogens at the Fire Scene - CFITrainer.net / IAAI 2021
Investigating Fatal Motor Vehicle Fires: Accident or Not? - (ODEM) Office of Education and Data Management State of CT Tested 2021
Legal Liability for Building and Fire Officials - (ODEM) Office of Education and Data Management State of CT Tested 2021
Accreditation, Certification and Certificates - CFITrainer.net / IAAI 2020
Basic Electricity - CFITrainer.net / IAAI 2020
Charleston Sofa Super Store Fire - CFITrainer.net / IAAI 2020
Critical Evaluation and Testing of Commonly Reported Accidental Causes - CFITrainer.net / IAAI 2020
Critical Thinking Solves Cases - CFITrainer.net / IAAI 2020
Discovery in Criminal Cases - CFITrainer.net / IAAI 2020
Effective Investigation and Testimony - CFITrainer.net / IAAI 2020
Ethics and social media - CFITrainer.net / IAAI 2020
Explosion Dynamics - CFITrainer.net / IAAI 2020
Fire Chemistry - CFITrainer.net / IAAI 2020
Fire Investigation for Fire Officers - CFITrainer.net / IAAI 2020
Fire Investigator Scene Safety - CFITrainer.net / IAAI 2020
Fundamentals of Residential Building Construction - CFITrainer.net / IAAI 2020
How First Responders Impact the Fire Investigation - CFITrainer.net / IAAI 2020
Insurance and the Fire Investigation - CFITrainer.net / IAAI 2020
Introduction to Evidence - CFITrainer.net / IAAI 2020
Introduction to Youth Set Fires - CFITrainer.net / IAAI 2020
Investigating Fatal Fires - CFITrainer.net / IAAI 2020
Investigating Fire and Explosion Incidents Involving a Line of Duty Death - CFITrainer.net / IAAI 2020
Managing Complex Fire Scene Investigations - CFITrainer.net / IAAI 2020
Motor Vehicles: The Engine and the Ignition, Electrical and Fuel Systems- CFITrainer.net / IAAI 2020
Post Flash Over Fires - CFITrainer.net / IAAI 2020
Process of Elimination - CFITrainer.net / IAAI 2020
Residential Electrical Systems - CFITrainer.net / IAAI 2020
Residential Natural Gas Systems - CFITrainer.net / IAAI 2020
The Impact of Ventilation in Building Structures on Fire Development - CFITrainer.net / IAAI 2020
The Scientific Method for Fire and Explosion Investigation - CFITrainer.net / IAAI 2020
Understanding Undetermined - CFITrainer.net / IAAI 2020
Vacant and Abandoned Buildings: Hazards and Solutions - CFITrainer.net / IAAI 2020
Liquid Propane Gas Code (3 Sessions) - (ODEM) Office of Education and Data Management State of CT Tested 2020
CT Advanced Fire Investigation School - IAAI certified (68 hrs) - (ODEM) Office of Education and Data Management State of CT Tested 2019
Ethics for Building and Fire Officials - (ODEM) Office of Education and Data Management State of CT Tested 2019
Documenting the Event - CFITrainer.net / IAAI 2019
Fire Flow Analysis - CFITrainer.net / IAAI 2019

Fire Protection Systems - CFITrainer.net / IAAI 2019
Physical Evidence at the Fire Scene - CFITrainer.net / IAAI 2019
Fire Investigation Origin and Cause Report Writing - (ODEM) Office of Education and Data Management State of CT Tested 2019
State of CT Fire Investigation - (ODEM) Office of Education and Data Management State of CT Tested (8 weeks) 2018
State of CT. Fire Inspector course (12 weeks) - (ODEM) Office of Education and Data Management State of CT Tested 2018
Vehicle Fire Investigation School (30 hrs) - (ODEM) Office of Education and Data Management State of CT Tested 2018
Storage, Transportation and Use of Explosive HME, and Fireworks (8hrs) - (ODEM) Office of Education and Data Management State of CT Tested 2018
Ethical Duties Beyond the Fire Scene - CFITrainer.net / IAAI 2018
Ethics and the Fire Investigator - CFITrainer.net / IAAI 2018
Introduction to Fire Dynamics and Modeling - CFITrainer.net / IAAI 2018
Investigating Motor Vehicle Fires - CFITrainer.net / IAAI 2018
Thermometry, Heat, and Heat Transfer - CFITrainer.net / IAAI 2018

Education:

CT Fire Academy 400 hours
Ashbrook Sr. Highschool

Affiliations:

International Association of Arson Investigators (IAAI), Member since 2020
National Association of Fire Investigators (NAFI), valid and in good standing
CT Chapter of International Association of Arson Investigators, valid and in good standing