



Paul F. Ayres
PhD, IAAI-CFI(V), CIPBI

ACADEMIC BACKGROUND

Doctor of Philosophy – Forensic Sciences (Fire & Explosion Investigations) Oklahoma State University - Tulsa, OK	08/2020 – 08/2024
Master of Public Service and Administration Texas A&M University - College Station, TX	08/2017 – 12/2019
Graduate Certificate - Homeland Security Texas A&M University - College Station, TX	08/2017 – 08/2019
Bachelor of Applied Arts and Sciences - Emergency Management Administration West Texas A&M University - Canyon, TX	08/2012 – 05/2017
Associate of Applied Science - Fire Science Technology Blinn College - Bryan, TX	08/2009 – 05/2011

FACULTY EXPERIENCE

Director & Lecturer of Emergency Services Administration University of North Texas at Dallas – Dallas, TX	08/2024 - Present
Adjunct Instructor / Program Coordinator (Fire Science Program) Trinity Valley Community College – Terrell, TX	10/2016 – 08/2024

PROFESSIONAL EXPERIENCE

Forensic Scientist / Fire & Explosion Investigator Brookes Bell – Houston, Texas	05/2025 - Present
Advisor (As Needed) Kaufman County Emergency Services – Kaufman, Texas	08/2024 – Present
Chief / Fire Marshal (Appointed Official) Kaufman County Emergency Services – Kaufman, Texas	01/2022 – 08/2024
Principal Consultant (Part-Time) Pyrology Forensic Fire and Explosion Consulting – Crandall, Texas	01/2021 – 05/2025
Project Manager / Fire Investigator Donan Engineering, Inc. – Houston, Texas	04/2021 – 01/2022
Sergeant (Investigations Division) State Fire Marshal's Office of Texas – Austin, Texas	06/2020 – 02/2021
Assistant Chief (Fire Marshal's Office) Williamson County Emergency Services – Georgetown, Texas	02/2019 – 06/2020

Investigator (Investigations Division) State Fire Marshal's Office of Texas – Austin, Texas	03/2016 – 02/2019
Firefighter / Inspector / Investigator Rockwall Fire Department – Rockwall, Texas	11/2013 – 03/2016
Fire-Rescue Officer Dallas Fire Department – Dallas, Texas	10/2011 – 11/2013
Intern (Fire Marshal's Office) Rockwall Fire Department – Rockwall, Texas	05/2010 – 08/2010

VOLUNTEER EXPERIENCE

Executive Board Member North Texas Fire Investigators' Association – Addison, TX	01/2025 - Present
Safety & Security Committee Member Crandall Independent School District – Crandall, TX	03/2022 - Present
Vice President Kaufman County Fire Marshal's Association – Kaufman, TX	06/2022 - Present
Reserve Fire Investigator Kaufman County Fire Marshal's Office - Kaufman, TX	01/2013 – 11/2013
Volunteer Firefighter/EMT Kaufman Fire Department - Kaufman, TX	10/2011 – 11/2013
(E-4) Petty Officer 3rd Class Texas State Guard, Maritime Regiment, 3 rd Battalion – Dallas, TX	10/2012 – 11/2013
Volunteer Firefighter/EMT Brazos County Precinct 4 Fire Department – Bryan, TX	01/2011 – 10/2011

PROFESSIONAL CERTIFICATIONS

International Association of Arson Investigators (IAAI)

Certified Fire Investigator (IAAI-CFI)
Vehicle Endorsement (V)

International Association of Bomb Technicians and Investigators (IABTI)

Certified International Post Blast Investigator (CIPBI)

Texas Commission on Fire Protection (TCFP)

Structure Firefighter - Master	2010 - Present
Wildland Firefighter - Basic	2013 - Present
Hazardous Materials Technician	2024 - Present

Driver Operator - Pumper	2015 - Present
Fire Officer I	2015 - Present
Fire Service Instructor III	2013 - Present
Fire Inspector - Master	2010 - Present
Plans Examiner I	2019 - Present
Fire/Arson Investigator - Master	2013 - Present
Fire Marshal - Basic	2024 - Present
Head of Department - Prevention	2022 - Present

Texas Commission on Law Enforcement (TCOLE)

Peace Officer - Master	2015 - Present
Instructor	2018 - Present

Texas Department of Public Safety (TXDPS)

Private Investigator	2021 - Present
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Texas Department of Health and Human Services (TXDHS)

Licensed Paramedic (expired)	2014 - 2021
Emergency Medical Technician – Basic (expired)	2009 - 2014

PROFESSIONAL ASSOCIATIONS

International Association of Arson Investigators (IAAI)
International Association of Bomb Technicians and Investigators (IABTI)
North Texas Fire Investigators Association (NTFIA)
Kaufman County Fire Marshal's Association (KCFMA)

PUBLICATIONS

Ayres, P. F. (In Review). *An introduction to turbulent flow patterns*. Fire & Arson Investigator Journal.

Ayres, P. F. (2025). *Fuel-air explosions: Forensic insights for post-blast investigators*. The Detonator.

Ayres, P. F. (2024). *Directional fire patterns formed by convection currents in the upper layer of a compartment fire*. ProQuest. <https://hdl.handle.net/20.500.14446/345844>

Ayres, P. F., et al. (2019). *Cybersecurity policy for public and private sector entities*. Texas A&M Cybersecurity Center. <https://cybersecurity.tamu.edu/wp-content/uploads/2019/12/EMPSSA-Capstone-Cybersecurity-Policy-for-Public-and-Private-Sector-Entities-Nov-2019.pdf>.

DEPOSITIONS AND TESTIMONY

Deposition (Civil); United States District Court for the Western District of Texas 01/2024
Jessica Lynn Garcia, et al. vs. Hoveround Corporation, et al.

Deposition (Civil); United States District Court for the Western District of Texas 12/2023
Jessica Lynn Garcia, et al. vs. Hoveround Corporation, et al.

Deposition (Civil); 20th Judicial District Court of Texas 08/2023

Brenda Cook vs. Ariel Kumpkinsky & Texas Electrical Services

Deposition (Civil); 20th Judicial District Court of Texas

07/2023

Brenda Cook vs. Ariel Kumpkinsky & Texas Electrical Services

Trial Testimony (Criminal); 336th Judicial District Court of Texas

01/2018

The State of Texas vs. John Lawrence Meeker

TEACHING EXPERIENCE

University of North Texas at Dallas

EMSA 4310 – Fire and Emergency Services Administration	05/2025
EMSA 4373 – Managerial Issues in Hazardous Materials	05/2025
EMSA 3385 – Fire Investigation and Analysis	12/2024
EMSA 5300 – Emergency Preparedness and Planning	10/2024

Trinity Valley Community College

FIRT 2331 – Firefighting Strategies and Tactics II	05/2024
FIRT 1319 – Firefighter Health and Safety	05/2024
FIRT 1311 – Fire Service Hydraulics	03/2024
FIRT 1303 – Fire and Arson Investigations I	03/2024
FIRT 1338 – Fire Protection Systems	12/2023
FIRT 1327 – Building Construction	12/2023
FIRT 2309 – Firefighting Strategies and Tactics I	10/2023
FIRT 1305 – Public Education Programs	10/2023
FIRT 1319 – Firefighter Health and Safety	05/2023
FIRT 1349 – Fire Administration II	05/2023
FIRT 1353 – Legal Aspects of Fire Protection	05/2023
FIRT 1303 – Fire and Arson Investigations I	03/2023
FIRT 2309 - Firefighting Strategies and Tactics I	10/2022
FIRT 1307 - Fire Prevention Codes and Inspections	10/2022
FIRT 1305 – Public Education Programs	10/2022
FIRT 1349 – Fire Administration II	05/2022
FIRT 1353 – Legal Aspects of Fire Protection	05/2022
FIRT 1303 – Fire and Arson Investigations I	03/2022
FIRT 1305 – Public Education Programs	10/2021
FIRT 1307 - Fire Prevention Codes and Inspections	10/2021
FIRT 2309 - Firefighting Strategies and Tactics I	10/2021
FIRT 1349 - Fire Administration II	08/2021
FIRT 1353 - Legal Aspects of Fire Protection	07/2021
FIRT 1319 - Firefighter Health and Safety	05/2021
FIRT 1303 - Fire and Arson Investigations I	05/2021
FIRT 1305 - Public Education Programs	12/2020
FIRT 1307 - Fire Prevention Codes and Inspections	12/2020
FIRT 1349 - Fire Administration II	08/2020

FIRT 1353 - Legal Aspects of Fire Protection	07/2020
FIRT 1319 - Firefighter Health and Safety	05/2020
FIRT 1303 - Fire and Arson Investigations I	05/2020
FIRT 1305 - Public Education Programs	12/2019
FIRT 1307 - Fire Prevention Codes and Inspections	12/2019
FIRT 1303 - Fire and Arson Investigations I	05/2019
FIRT 1307 - Fire Prevention Codes and Inspections	05/2019
FIRT 1311 - Fire Service Hydraulics	05/2019
FIRT 1305 - Public Education Programs	12/2018
FIRT 1315 - Hazardous Materials I	12/2018
FIRT 1303 - Fire and Arson Investigations I	05/2018
FIRT 1307 - Fire Prevention Codes and Inspections	05/2018
FIRT 1305 - Public Education Programs	12/2017
FIRT 1315 - Hazardous Materials I	12/2017
FIRT 1319 - Firefighter Health and Safety	05/2017
FIRT 2309 – Firefighting Strategies and Tactics I	05/2017

LEMIT at Sam Houston State University (FEMT Program)

Administration of Fire and Explosion Investigation Units	11/2024
Advanced Investigations	11/2023
Advanced Investigations	11/2022
Advanced Investigations	11/2021
Advanced Investigations	02/2021

Pyrology Forensic Fire & Explosion Consulting, LLC

3-Day Fire Investigation Workshop (NFPA 1321 & Legal Considerations)	01/2025
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Other Presentations, Training, & Continuing Education for Public Safety Agencies

Ventilation for Structural Firefighters	01/2025
Forensic Photography	11/2024
Basic CERT Training	08/2024
Quality Assurance for Public-Sector Fire Investigation Units	07/2024
Basic Fire Science for Firefighters	07/2024
Higher Education and the Fire Service	06/2024
Report Writing and Technical Review for Fire Investigators	06/2024
Quality Assurance for Public-Sector Fire Investigation Units	04/2024
Fire Department Operations and Emergency Management for Dispatchers	02/2024
Fire Department Operations and Emergency Management for Dispatchers	01/2024
Forensic Victimology at Fatal Fires	09/2023
The Timeline of a Fatal Fire	09/2023
Overview of Fire/Arson Task Force Operations	06/2023
Report Writing for Fire/Arson Investigators	02/2023
Fire Department Operations for Public Safety Dispatchers	01/2023
Forensic Victimology at Fatal Fires	09/2022
The Timeline of a Fatal Fire	09/2022
Forensic Fire Death Investigations (Field Instructor)	09/2022

Explosion Science and Post-Blast Investigations	01/2022
Expert Witness Testimony	09/2021
Analyzing Fatal Fires to Understand Victim Behavior	09/2021
The Future of Fire Investigation Units	09/2021
Forensic Fire Death Investigations (Field Instructor)	09/2021
NFPA 1033 and NFPA 1321 Update	06/2021
Analyzing Fatal Fires to Understand Victim Behavior	11/2020
Analyzing Fatal Fires to Understand Victim Behavior	09/2020
Forensic Fire Death Investigations (Field Instructor)	09/2020
Fire Science for Fire / Arson Investigators	02/2020
NFPA 1033 and Administrative Aspects of NFPA 921	12/2019
Forensic Fire Death Investigations (Field Instructor)	09/2019
TCFP Fire Investigator Certification Course	05/2019
Forensic Fire Death Investigations (Field Instructor)	09/2018
Report Writing for Fire and Explosion Investigations	07/2018
Basic Arson Investigations for Law Enforcement	04/2018
Basic Arson Investigations for Law Enforcement	03/2018
Report Writing for Fire and Explosion Investigations	09/2017
Traffic and Crowd Management	04/2017
The Hidden Dangers of CSST	03/2016
The Modern Fire: Faster and Hotter	03/2016
CERT Module: Terrorism and CERT	01/2016
CERT Module: Fire Safety and Controlling Utilities	01/2016
Basics of the Incident Command System	10/2015
Hazardous Materials Awareness	07/2015
Preparing for Disaster Operations	04/2015
Special Events Contingency Planning	02/2015
Fire Scene Examination and Reconstruction	04/2014
Firefighter Rehabilitation	01/2014

TRAINING AND EDUCATION: FIRE / ARSON INVESTIGATIONS

Blinn College

Fire and Arson Investigation I	05/2010
Fire Prevention Codes and Inspections	05/2010
Fire Administration I	05/2010
Firefighter Health and Safety	05/2010
Building Codes and Construction	05/2010
Fire Instructor I	05/2010
Firefighting Strategy and Tactics I	12/2009
General Chemistry	12/2009

Building Officials Association of Texas

2015 IBC – Chapters 5, 6, 8, 10, 12, 24, 29, 30	05/2015
Access Control	05/2015

Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF)

Critical Thinking / Analytical Tech. for Credible Origin Determinations

02/2014

CFI Trainer

Fundamentals of Interviewing	06/2023
Effective Investigation and Testimony	06/2023
Digital Photography and the Fire Investigator	07/2021
Investigating Natural Gas Systems	07/2021
Fire Flow Analysis	07/2021
Evidence Examination: What Happens at the Lab?	07/2021
Critical Thinking Solves Cases	07/2021
Emerging Technologies in Fire Investigation	07/2021
Charleston Sofa Super Store Fire	07/2021
Electric and Hybrid Vehicle Design Basics	07/2021
An Analysis of the Station Nightclub Fire	06/2021
Knowledge 1 Motor Vehicle Fires Tier 1	06/2021
Charting Your Career Path in Fire Investigations	06/2021
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems	06/2021
Motor Vehicles: The Engine and Ignition, Electrical, and Fuel Systems	06/2021
Critical Evaluation & Testing of Commonly Reported Accidental Causes	06/2021
The Scientific Method for Fire and Explosion Investigations	01/2021
The Practical Application of NFPA 1033 and NFPA 921	01/2021
Residential Electrical Systems	11/2020
Basic Electricity	09/2020
Electrical Safety	08/2020
Fire Investigator Scene Safety	09/2018
Fire Protection Systems	02/2018
Arc Mapping Basics	01/2018
Fire Chemistry	01/2018
Thermometry, Heat, and Heat Transfer	01/2018
Post-Flashover Fires	04/2016
Investigating Motor Vehicle Fires	04/2016
Motive, Means, and Opportunity	04/2016
Investigating Fatal Fires	04/2016
Understanding Fire through the Candle Experiments	04/2016
Fire Investigator Scene Safety	04/2016
Fundamentals of Residential Building Construction	04/2016
Writing the Initial Origin and Cause Report	04/2016
Documenting the Event	10/2015
The Scientific Method for Fire and Explosion Investigations	10/2015
Ethics and the Fire Investigator	10/2015
The Practical Application of NFPA 1033 and NFPA 921	10/2015
NFPA 1033 and Your Career	10/2015

Collin County Fire Investigators Association

Prosecution of Fire/Arson Cases	03/2023
ATF BATS Training	10/2017
Forensic Fire Death Investigations	09/2016
Dallas Fire-Rescue Department	
Basic Structural Firefighter	12/2011
Fire Certs	
TCFP Fire Inspector	08/2010
Fire In Texas	
TCFP Driver Operator – Pumper	02/2015
TCFP Fire / Arson Investigator	06/2011
Fire Prevention Association of North Texas (FPANT)	
Essentials of Effective Restaurant Fire Protection	09/2015
NFPA 13R Inspections and Plan Review Issues	09/2015
Fireworks – Regulation and Enforcement	05/2015
Two-way Communication Systems and Code Requirements	04/2015
NFPA 72 – 2013 Requirements	02/2015
Key Boxes and Locking FDC Caps	07/2014
NFPA 72 – 2013 Notification Requirement Updates	03/2014
Fire Smarts	
NFPA 25 – Inspection and Testing of Water Based Systems	03/2015
Firefighter CE	
Introduction to Wildfire Behavior	10/2018
Wildland Fire Suppression	10/2018
Effective Forcible Entry	09/2014
International Association of Arson Investigators (IAAI)	
Expert Witness Testimony	11/2017
International Code Council (ICC)	
2012 IBC Means of Egress	06/2015
2012 IFC Performing Commercial Fire Inspections	09/2014
Kaufman County Fire Marshals' Association	
Overview of ATF National Response Team	06/2023
Emergency Responder Radio Coverage Systems	08/2023
Overview of Fire & Explosion Task Force Operations	10/2023
National Wildfire Coordinating Group (NWCG)	
S-190: Introduction to Fire Behavior	10/2022
I-100: Introduction to ICS	09/2012

S-130: Firefighter Training	09/2012
L-180: Human Factors in Wildland Firefighting	09/2012
S-190: Intro to Wildland Firefighting	09/2012

Oklahoma State University

Dissertation (Upper Layer Fire Effects & Patterns – 2 hours)	07/2024
Dissertation (Upper Layer Fire Effects & Patterns – 2 hours)	05/2024
Advanced Fire Dynamics	05/2024
Dissertation (Upper Layer Fire Effects & Patterns – 3 hours)	12/2023
Dissertation (Upper Layer Fire Effects & Patterns – 3 hours)	05/2023
Dissertation (Upper Layer Fire Effects & Patterns – 6 hours)	12/2022
Dissertation (Upper Layer Fire Effects & Patterns – 3 hours)	08/2022
Advanced Electrical Theory and Failure Analysis	05/2022
Fire Dynamics in Forensic Investigations	05/2022
Building Construction in Fire/Explosion Forensic Examinations	12/2021
Methods in Fire & Explosion Investigations (NFPA 1033 and 921)	12/2021
Seminar in Forensic Sciences	07/2021
Advanced Computer Fire Modeling	05/2021
Forensic Examination of Fire Protection Systems	05/2021
Computer Fire Modeling	12/2020
Electrical Theory and Failure Analysis in Forensic Fire Investigations	12/2020

Public Agency Training Council (PATC)

Arson Scene Search and Evidence Recovery	08/2017
Hands-On Vehicle Fire/Arson Investigation	07/2016
Fire Pattern Certification	03/2014

State Fire Marshal's Office of Texas

Science Advisory Workgroup and Case Review	08/2020
Science Advisory Workgroup and Case Review	09/2017
Science Advisory Workgroup and Case Review	05/2017
NFPA 921 – Chapters 3, 5, and 7	12/2016
Fire Analysis Tools for Fire Investigators	05/2015
Legal Considerations of Fire Investigations	12/2014
Smoke and Heat Detection Systems	05/2014
Keeping up with the Dogs – Accelerant Detection Canines	12/2013

Tarrant County Fire and Arson Investigators Association

Burn to Learn: Live Fire Testing	02/2017
Line of Duty Death and Firefighter Fatality Investigations	05/2016

Texas A&M Engineering Extension Service (TEEX)

Electric Vehicles	03/2023
Investigating Beyond Origin and Cause	03/2023
Dynamics for the Fire Investigator	03/2023
Investigator Role Complex Fire Investigations	03/2023

NFPA 921 / NFPA 1033 / NFPA 1321	03/2023
Texas Fire and Arson Investigators Seminar	03/2019
Vehicle Systems and Conditions	01/2019
Accidental Vehicle Fires and Fire Behavior	01/2019
Using ISO Claim Search	01/2019
Fire Scene Examinations	01/2019
Report Writing	01/2019
Gang Related Arson	11/2017
Court Reporting	11/2017
Arson Case Management	11/2017
Metallurgy and Lab Analysis	11/2017
Courtroom Ethics	09/2017
Case Organization	09/2017
Search and Seizure (Property and Evidence)	05/2017
Metallurgy and Lab Analysis	05/2017
Household Wiring Components	05/2017
Courtroom Testimony – Expert Witness	01/2017
Report Writing	01/2017
Investigator Respiratory Protection and Decontamination	01/2017
Introduction to NFPA 1033	11/2016
Fire Science	11/2016
Fire Chemistry	11/2016
Thermodynamics	11/2016
Thermometry	11/2016
Fire Dynamics	11/2016
Computer Fire Modeling	11/2016
Fire Investigation	11/2016
Fire Analysis	11/2016
Fire Investigation Methodology	11/2016
Fire Investigation Technology	11/2016
Failure Analysis and Analytical Tools	11/2016
Fire Protection Systems	11/2016
Documentation, Collection, and Preservation of Evidence	11/2016
Electricity and Electrical Systems	11/2016
Photovoltaic Systems	09/2016
ASTM Standards	09/2016
Fundamentals of Fire Modeling and Expert Testimony	05/2016
Thermometry	04/2016
Lightning Fire Investigations	04/2016
ASTM Standards	04/2016
NFPA 921 Updates	04/2016
NFPA 10 Updates	02/2016
NFPA 556: Fire Hazards to Vehicle Occupants	01/2016
Report Writing	01/2016
NFPA 1037: Fire Marshal Qualifications	01/2016
NFPA 1730 Updates	01/2016

Carbon Dioxide Monitoring	01/2016
NFPA 72 Updates – Fire Alarm Basics	12/2015
SFMO Licensing Updates	11/2015
National Association of Fire Equipment Distributors – Beyond the Tag	11/2015
TCFP Updates	11/2015
Emerging Topics in Fire Investigations	11/2015
Social Media and Fire Investigations	11/2015
Electrical Aspects – Using the Forensic Electrical Engineer	11/2015
TexFIRS and Fire Investigators	11/2015
Fire Pattern Recognition	11/2015
Investigating Lightning Related Structure Fires	11/2015
Complex Fire Scene Examination	11/2015
Youth Firesetting Prevention and Intervention – Level I	03/2015
Plans Review	01/2015
NFPA 13	01/2015
Smoke Alarms	01/2015
NFPA 72 – 2013 Updates	01/2015
Industrial Fire Brigade Training	09/2014
NFPA 1001 – Firefighter I & II	11/2010

Texas Fire Protection Association (TFPA)

Solving Industry Challenges with Innovative Technologies	03/2019
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Texas Railroad Commission

Propane Emergency Response	06/2010
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Williamson County Emergency Services

Legal Aspects of Fire Investigations	05/2019
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TRAINING AND EDUCATION: EXPLOSIVES & POST-BLAST INVESTIGATIONS

Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF)

Post-Blast Investigative Techniques	08/2018
Explosives Recognition for First Responders	05/2017
Public Safety Response to Explosive Incidents	02/2014

CFI Trainer

Explosion Dynamics	07/2021
The HAZWOPER Standard	09/2018

Center for Domestic Preparedness (DHS)

Hazardous Materials / WMD Technician	10/2023
Bomb-Making Materials Awareness Program Administrator Training	01/2020
Protective Measures Course	01/2020
Improvised Explosive Devices Counter - Terrorism Workshop	07/2015

International Association of Bomb Technicians and Investigators (IABTI)

Advanced Improvised Explosive Devices & Terrorist Activities	06/2023
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New Mexico Tech – Energetic Materials Research and Testing Center

Advanced Improvised Explosive Devices & Terrorist Activities	02/2024
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Oklahoma State University

Advanced Interdisciplinary Post-Blast Investigations	05/2024
Forensic Psychology: Terrorism and Bomb Makers	12/2023
Explosives Research, Testing, and Evaluation	05/2022
Essential Science for Explosives Operators	12/2021
Multi-Disciplinary Post-Blast Investigations	05/2021
Radio Controlled IEDs – Advanced Analysis and Mitigation	12/2020

State Fire Marshal's Office of Texas

HAZWOPER	10/2018
Hazardous Materials Awareness	11/2017

Texas A&M Engineering Extension Service (TEEX)

Gas Explosions	11/2017
Post-Blast Investigation: Dallas PD Headquarters Case Study	01/2017
Explosion Dynamics	11/2016
Hazardous Materials	11/2016
Hazardous Materials	01/2015
Hazardous Materials Product Control	10/2010
Hazardous Materials Operations	10/2010
Hazardous Materials Awareness	10/2010

Williamson County Emergency Services

Commercial Explosives	10/2019
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TRAINING AND EDUCATION: LAW ENFORCEMENT

Association of Certified Fraud Examiners (ACFE)

Certified Fraud Examiner Course	08/2017
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Capital Area Council of Governments (CAPCOG)

Crisis Intervention	08/2019
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Central Texas Council of Governments (CTCOG)

Intermediate Crime Scene Investigation	07/2019
Interacting with Deaf/Hard of Hearing	06/2019
De-Escalation Techniques	06/2019

East Texas Arson Investigators Association

Texas Legal Update	11/2017
Forney Independent School District	
Active Shooter Exercise	05/2023
Kemp Independent School District	
Active Shooter Exercise	07/2024
North Texas Fire Investigator's Association	
NFPA 3000: Standard for an Active Shooter / Hostile Event Program	06/2018
Oklahoma State University	
Criminal Behavioral Analysis	12/2023
OSS Academy	
Texas State & Federal Law Update #3186 (TCOLE)	02/2022
Texas State & Federal Law Update #3187 (TCOLE)	01/2022
Advanced Human Trafficking #3271 (TCOLE)	03/2020
Body Worn Cameras #8158 (TCOLE)	08/2019
Child Abuse Prevention & Investigation #2105 (TCOLE)	09/2018
Arrest, Search, & Seizure #2108 (TCOLE)	09/2018
Spanish for Law Enforcement #2110 (TCOLE)	09/2018
Use of Force #2107 (TCOLE)	09/2018
Special Investigative Topics #3232 (TCOLE)	09/2018
Missing & Exploited Children #3275 (TCOLE)	09/2018
Civilian Interaction Training #30418 (TCOLE)	09/2018
State Fire Marshal's Office of Texas	
Taser CEW Training	12/2020
Defensive Tactics	05/2018
Firearms Training	11/2017
Basic Handgun / Stoppages	04/2017
Defensive Tactics	04/2017
Texas Penal Code	12/2016
Texas Rules of Evidence	12/2016
Code of Criminal Procedures – Chapter 18	12/2016
Defensive Tactics	05/2016
Patrol Rifle	05/2016
Tarrant County College	
Basic Peace Officer I	08/2014
Basic Peace Officer II	08/2014
Basic Peace Officer III	12/2014
Basic Firearms	12/2014
Tactical Skills for Police	12/2014
Texas A&M Engineering Extension Service (TEEX)	

Forensic Photography I	06/2019
Foundations of Forensic Photography	06/2019
Criminal Investigation Documentation	01/2019
Interview and Interrogation Fundamentals	01/2017
NICB – Overview of Investigator Resources	01/2016
Evidence and Scene Photography Resources	01/2016
Search Warrants	01/2016
TCOLE Updates	11/2015
Human Trafficking	11/2015

Texas State University – ALERRT

Civilian Response to Active Shooter Events – Train the Trainer	09/2018
Terrorism Response Tactics: Active Shooter Level I	06/2015

Williamson County Emergency Services

Evidence Collection Techniques	08/2019
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TRAINING AND EDUCATION: HOMELAND SECURITY & EMERGENCY MANAGEMENT

FEMA Emergency Management Institute

IS-703.b: NIMS Resource Management	08/2024
IS-2200: Basic EOC Functions	05/2024
PDS: Professional Development Series	01/2020
IS-230.d: Fundamentals of Emergency Management	01/2020
IS-240.b: Leadership and Influence	01/2020
IS-241.b: Decision Making and Problem Solving	01/2020
IS-242.b: Effective Communication	01/2020
IS-244.b: Developing and Managing Volunteers	01/2020
IS-235.c: Emergency Planning	11/2019
IS-120.c: An Introduction to Exercises	11/2019
IS-101.c: Preparing for Federal Disaster Operations	04/2015
IS-102.c: Preparing for Federal Disaster Ops - FEMA Response Partners	04/2015
IS-015.b: Special Events Contingency Planning for Public Safety Agencies	01/2015
IS-546.12: Continuity of Operations Awareness	10/2012
IS-547.a: Introduction to Continuity of Operations	10/2012
IS-775: EOC Management and Operations	03/2012
IS-075: Military Resources in Emergency Management	03/2012
IS-317: Introduction to CERT	03/2012
IS-704: NIMS Communications and Information Management	11/2011
IS-701.a: NIMS Multiagency Coordination System (MACS)	11/2011
IS-100: Introduction to Incident Command System	11/2011
IS-800.b: National Response Framework	02/2011
IS-100: Introduction to Incident Command System	09/2010
IS-804: Emergency Support Function #4 – Firefighting	12/2008
IS-200: ICS for Single Resources and Initial Action Incidents	03/2008

IS-700: National Incident Management System	04/2007
IS-100: Introduction to Incident Command System	03/2007
Kaufman County Office of Emergency Management	
Tabletop Exercise: EF5 Tornado	01/2024
Louisiana State University – NCBRT / Academy of Counter-Terrorist Education	
Critical Decision Making for Complex Coordinated Attacks	08/2019
National Weather Service (NWS)	
Skywarn Storm Spotter Training	02/2024
North Texas Joint Terrorism Task Force	
Juvenile Hoax Bomb Threat	11/2024
CBRNE Delivery Systems	11/2024
UAS Operations for Law Enforcement	11/2024
Election Security	09/2024
Texas A&M University – Bush School of Government and Public Service	
Capstone II: Cybersecurity	12/2019
2019 Annual Pandemic Policy Summit	11/2019
Capstone I: Cybersecurity	08/2019
US Border Security	08/2019
Homeland Security Policies, Strategies, and Operations	05/2019
Weapons of Mass Destruction	12/2018
2018 Annual Pandemic Policy Summit	11/2018
Pandemic Tabletop Exercise Participant	11/2018
Fundamentals of Homeland Security	08/2018
Terrorism in Today's World	05/2018
Texas Division of Emergency Management	
G-288: Local Volunteer and Donations Management	09/2024
L-146: Homeland Security Exercise and Evaluation Program (HSEEP)	06/2024
G-191: EOC/ICS Interface	01/2024
Transportation Related Hazmat and Commodity Flow Studies for LEPCs	05/2023
Bridging the Gap Between School Districts and Emergency Responders	05/2023
Presentation of Applied Emergency Management Use Cases	05/2023
Navigating a Career in Emergency Management	05/2023
Building an Automated Common Operating Picture in Teams	05/2023
You've Done the Exercise and AAR – Now What?	05/2023
TDEM Conference Opening Session	05/2023
G-400: Advanced ICS for Command and General Staff	03/2018
G-300: Intermediate ICS for Expanding Incidents	03/2018
G-489: Management of Spontaneous Volunteers in Disasters	05/2015
G-428: CERT Train-the-Trainer	04/2015
G-317: Basic CERT Course	03/2012

U.S. Attorney's Office, Western District of Texas

Anti-Terrorism Training for Law Enforcement	05/2018
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U.S. Secret Service

Protecting America's Schools	01/2020
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West Texas A&M University

GIS Technology in Emergency Management	05/2017
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Principles of Emergency Management	05/2016
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Risk Management	12/2015
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Williamson County Emergency Services

Terrorist Use of Wildfires – Tabletop Exercise	02/2020
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Hazardous Materials Response Drill – Chlorine Leak from CIKR	12/2019
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Hazardous Materials Container Patching Techniques – Tabletop Exercise	11/2019
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TRAINING AND EDUCATION: LEADERSHIP & MANAGEMENT

Harvard Business School Online

Designing Organizational Structure	05/2023
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Texas A&M University – Bush School of Government and Public Service

City and County Governance Symposium	04/2023
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Economic Analysis	12/2019
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Public Management	05/2019
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Budgeting in Public Service	12/2018
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Foundations of Public Service	08/2018
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Public Policy Formation	05/2018
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Quantitative Methods in Public Management	12/2017
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Program Evaluation in Public and Nonprofit Organizations	12/2017
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Texas A&M Engineering Extension Service (TEEX)

Leadership Development Symposium	01/2025
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Leadership Development Symposium	01/2023
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Leadership Development Symposium	01/2020
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Texas Fire Chief's Association (TFCA)

3 rd Annual LODD Conference	10/2017
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West Texas A&M University

Public Administration	05/2017
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Administrative Law	05/2017
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Public Relations	12/2016
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Ethics in Criminal Justice and Emergency Management	08/2016
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Organizational Theory in the Public Sector	08/2016
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Public Personnel Administration	05/2016
Public Financial Administration	12/2015
Public / Nonprofit Marketing	12/2015

Quality Texas Foundation

Leadership Development	08/2019
Internal Coach / Examiner Training	08/2019

TRAINING AND EDUCATION: TEACHING & INSTRUCTION

University of North Texas at Dallas

Asset-Based and Culturally Responsive Pedagogy	11/2024
Teaching and Learning Symposium	09/2024

Fire In Texas

TCFP Fire Instructor III	02/2020
TCFP Fire Instructor II	02/2020
TCFP Fire Instructor I	09/2013