

This training module will utilize both classroom and hands-on practical exercises to maximize learning.

For the practical exercises, we will provide the evidence collection containers, evidence tape, digital cameras, gloves and any necessary equipment to conduct a practical vehicle examination. This exercise may require some vehicle reconstruction.

We recommend you bring a helmet or hardhat, coveralls, boots, etc.

Important: This three (3) day training module is presented in a very user friendly and easy to understand method of instruction. You will be able to put into immediate practice the skills you learn in this training.

Important for IAAI Certified Fire Investigators (IAAI-CFI®): At the end of this course, a test will be given for those who need points/ hours for certification.

“The Certified Fire and Explosion Investigator (C.F.E.I.) Examination”

(National Association Of Fire Investigators)

Will Be Offered and Applications Accepted At This class.

Applicants MUST join online at www.nafi.org if not already a member

Certifications will be granted to those whose applications are accepted and who pass the examination. Applications for certification will be available at the class. For additional information call the NAFI office at (877) 506-NAFI or visit the Website at www.nafi.org Membership is \$55.00 per year. Certification cost is \$125.00. You must be a member to be and remain certified, but you may join at the time of certification. **Examinations will be offered the first evening.**

Please go to www.nafi.org to download CFEI application and have completed prior to class. Bring application to class, do not mail to NAFI

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5235 Decatur Blvd
Indianapolis, Indiana 46241

Phone: 1-800-365-0119
Fax: 317-821-5096
Email: questions@patc.com

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www.patc.com

May 21, 22 & 23, 2019 • Fort Worth, Texas

Public Agency Training Council

Mark Waterfill, President



National Criminal Justice

Public Safety Continuing Education

Sponsored By:

Fort Worth Fire Department

Fort Worth, Texas

TCOLE Credit Will Be Given to Each Attendee

Training Seminar

Hands-On Vehicle Fire/Arson Investigation

Tactics, Techniques and Procedures in Vehicle Fire Origin and Cause Determination, Investigation and Documentation

NAFI Certified Vehicle Fire Investigator Test will be offered

Requirements To Challenge the CVFI Test

The requirements are as follows: You must be a CFEI or a CFI. You should have examined 15 vehicles fires or more. The cost of the test is \$125.00 for the examination & \$55.00 if not a member of NAFI. The application can be downloaded at <http://www.nafi.org> then click on forms. Applications will be available at the seminar. Please be sure to bring documentation for the application. You can take the CFEI & CVFI at the seminar.

Instructor:

Steve Riggs, CFEI, CVFI & CFII Certified
State of Oklahoma (Retired)

Steve Riggs retired after twenty-two years of Law Enforcement, and Fire Service Experience in Oklahoma. Steve has been examining fire scenes for 40 years. Steve has extensive training in Fire Cause Determination, Criminal Investigation, Arson Investigation, Evidence Processing, Interviewing Techniques, and Case Management. He is a certified Police and Fire Instructor, and a Certified Fire Investigator Instructor. Mr. Riggs has successfully been involved in many Fire/Arson Prosecutions in Oklahoma, and was involved in a Federal Prosecution. To date, he has never lost an arson case. Steve has authored and co-authored several fire training manuals and written "A Critical Analysis of NFPA 921 User's Manual 2nd Edition. Steve lectures nationally to Local, State, Federal Agencies, Insurance, private, and military Investigators, prosecutors, vehicle manufacture representatives and their engineers. Steve continues to examine fires in the private sector.

May 21, 22 & 23, 2019
Fort Worth, Texas

Register online at: www.patc.com

Hands-On Vehicle Fire/Arson Investigation

Tactics, Techniques and Procedures in Vehicle Fire Origin and Cause Determination, Investigation and Documentation

Course Objectives:

This three (3) day training module will provide the fire/arson investigator with the practical and technical skills necessary to investigate and determine the origin and cause of vehicle fires.

This training module will provide both classroom and hands-on training with practical exercises on how to conduct a systematic, thorough, and scientific examination of the vehicle.

Attendees will be provided the necessary knowledge of vehicle design, electrical systems, fuel systems, and their components that will be encountered in a motor vehicle, including alternative fuels. We will examine how these components can fail or cause fires.

Upon Successful Completion:

Attendees will have been provided the necessary skills and knowledge to:

- ▶ Demonstrate the proper systematic approach and scientific method necessary for examining vehicle fires.
- ▶ Understand basic vehicle design and electrical systems.
- ▶ Demonstrate a working knowledge of wiring used in motor vehicles and the presence of electrical activity on those wires.
- ▶ Demonstrate a working knowledge of safety devices (fuses, breakers and fusible links or cartridges).
- ▶ Demonstrate the knowledge on how to properly document the vehicle fire.
- ▶ Demonstrate the knowledge to photographing the vehicle fire scene in a systematic manner.
- ▶ Demonstrate the knowledge of collecting evidence from the vehicle fire scene.
- ▶ Demonstrate the knowledge in accordance with National Fire Protection Association 921 Guide for Fire and Explosion Investigation current edition and 1033 Professional Qualifications for Fire Investigators.
- ▶ Demonstrate knowledge of how to obtain recall, technical service bulletin information, consumer complaint information and general research information regarding vehicle fire investigation.
- ▶ Attendees will learn the proper techniques for documenting, photographing, evidence collection and preservation including preparing a proper written report.
- ▶ An in-depth flash-drive with valuable detailed information will be supplied.

Seminar Agenda Hands-On Vehicle Fire/Arson Investigation

Tactics, Techniques and Procedures in Vehicle Fire Origin and Cause Determination, Investigation and Documentation

May 21, 22 & 23, 2019 • Fort Worth, Texas

Tuesday, May 21, 2019

- 8:00 a.m. - 8:30 a.m. Registration
- 8:30 a.m. - 9:00 a.m. **Vehicle Fire Overview**
- 9:00 a.m. - 12:00 p.m. **Basic Vehicle Design and Electrical Components**
- 12:00 p.m. - 1:00 p.m. Lunch (On Your Own)
- 1:00 p.m. - 5:00 p.m. Vehicle information continued. Live burns will be conducted weather permitting (class participation)

Wednesday, May 22, 2019

- 8:00 a.m. - 12:00 p.m. **Vehicle Examination, Documentation Vehicle Component and burn pattern diagramming, and Narrative Preparation, Use of Internet Research for Vehicle Recalls, Technical Service Bulletins, Consumer Complaints, Wiring Diagrams etc. Sample Collecting and Documentation Important Referenced information from NFPA 921, 1033 and FMVSS 301, 302,303,304 & 305**
- 12:00 p.m. - 1:00 p.m. Lunch (On Your Own)
- 1:00 p.m. - 5:00 p.m. **Hands-On Vehicle Examination and Documentation**
Group Exercise
NOTE: Each group will be provided with the tools and digital cameras to accomplish their vehicle investigation and examination.
NOTE: You may bring your own cameras and/or video equipment if you wish to take pictures to keep for your self.

Thursday, May 23, 2019

- 8:00 a.m. - 12:00 p.m. **Introduction to Hybrid Vehicles and Event Data Recorders, Heavy Equipment Investigation Guidelines for Group Presentations.**
- Group Presentations of Hands-On Investigation and Documentation**
Final Examination
- 12:00 p.m. **Certificate Presentation**

Note* This class is designed to average 4-8 groups. Those classes that average 4 groups will normally end around 11:30-12:00 p.m.

Cut Along Dotted Line

3 Ways to Register for a Seminar!

1. **Register Online** at www.patc.com — Yellow link in upper left corner
2. **Fax Form** to Public Agency Training Council **FAX: 1-317-821-5096**
3. **Mail Form** to

Public Agency Training Council
5235 Decatur Blvd
Indianapolis, Indiana 46241

***NEW**

Federal ID# 47-4078912

***NEW**

***** Pre-payment is not required to register *****

Upon receiving your registration we will send an invoice to the department or agency.

Checks, Claim Forms, Purchase Orders should be made payable to:

Public Agency Training Council

If you have any questions please call

317-821-5085 (Indianapolis)

800-365-0119 (Outside Indianapolis)



Seminar Title: Hands-On Vehicle Fire Investigation

Instructor: Steve Riggs

Seminar Location: Bob Bolen Training Facility
505 West Felix Street
Fort Worth, Texas 76115

When: May 21, 22 & 23, 2019

Registration Time: 8:00 A.M. (May 21, 2019)

Hotel Reservations: La Quinta
3346 Forrest Hill Circle
Fort Worth, Texas 76140
1-817-293-5800
Call Hotel For Current Rates (plus tax)

Registration Fee: \$325.00 Includes Hands-On Vehicle Fire Investigation Course Material, Coffee Breaks, and Certificate of Completion.

Seminar ID #16241

NOTE: To receive discounted room rates identify with **Current Rates**

Names of Attendees 1. _____

2. _____

3. _____

4. _____

Agency _____

Invoice To Attn: _____

(Must Be Completed)

Address _____

City _____ **State** _____ **Zip** _____

Email _____

Phone _____

Fax _____