



To register, visit [tritechtraining.com](http://tritechtraining.com) or contact our Training Director Phil Sanfilippo at 800.438.7884 ext. 7800 or by email at [phil@tritechusa.com](mailto:phil@tritechusa.com).



Courses are presented in partnership with the International Association for Identification.

#### ADA / Special Accommodations

To ensure we can accommodate persons with special needs who wish to attend our courses, please be sure to identify the accommodation needed when you register, or if applicable, at the time you register by phone.

#### Host a course

By hosting one of our courses, you will be providing your agency's personnel and the forensic professionals in your area with a high-quality training opportunity, right in your local area. This means less cost to you or your agency for expenses such as travel, lodging, and meals, and less time away from home and family. Plus, hosts can qualify for tuition savings. For more information, visit [tritechtraining.com](http://tritechtraining.com).



**CRIME SCENE COMBO COURSE!**

# ADVANCED CRIME SCENE DOCUMENTATION

**This 40-Hour Course Combines  
Bloodstain Pattern Documentation &  
Shooting Incident Documentation**

**Instructors: Gary Graff & Iris Dalley Graff**

**January 7 - 11, 2019**

**Tuition: \$739 (reduced from \$878)**

**★ New Lower Price for 2019! ★**

#### **Location:**

**Houston Forensic Science Center  
1200 Travis  
Houston, TX 77002**

Meet in the lobby of the Police Department on the first day of the course.  
You will be escorted to the classroom on the 22nd floor.

The Bloodstain Pattern Documentation course has been approved for 20 hours of certification/re-certification training credit by the IAI Crime Scene Certification Board. The Shooting Incident Documentation course has been approved for 20 hours of certification/re-certification training credit by the IAI Crime Scene Certification Board. Please visit the IAI Certifications page at [tritechtraining.com](http://tritechtraining.com) for additional information.



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## ABOUT TRITECH

A leader in the forensics market, Tri-Tech Forensics provides evidence collection and crime scene investigation products and training to crime labs and crime scene investigators throughout the world. With over 30 years of experience, we are the nation's most proficient developer and manufacturer of forensic kits. We are committed to providing our customers with state-of-the-art forensics products and services at affordable prices. It is our goal, through our research and development program, to continue to develop superior products and training to aid in all aspects of crime scene investigation and crime lab analysis. We know how important our products and training are to the forensics community, from investigation to prosecution. Our mission is the same as our customers – *Identify. Protect. Preserve.*

# Advanced Crime Scene Documentation

The 5-day (40 hour) Advanced Crime Scene Documentation course combines the full course contents of both the Bloodstain Pattern Documentation course and the Shooting Incident Documentation course into one.

## BLOODSTAIN PATTERN DOCUMENTATION

When responding to scenes where blood has been shed, it is essential for investigators to ensure that the patterns formed by bloodstains are preserved and documented. In cases where the scene will not be visited by a qualified bloodstain pattern analyst, the correct documentation of these bloodstains will permit this type of analysis to be performed later in the investigation. Improper documentation can lead to instances where no analysis is possible or where such analysis is less meaningful and useful.

This course is designed for the student who wants to learn how to correctly recognize, document, and collect bloodstains and bloodstain patterns for later analysis by a bloodstain pattern analyst. Students will be taught terminology, pattern recognition and documentation methods that will ensure the possibility that the patterns can be reconstructed and analyzed at a later date. Classroom presentations are supplemented with practical exercises and hands-on activities.

By the end of the training the student will understand the importance of properly documenting and collecting bloodstained evidence in the context of the overall event reconstruction.

## SHOOTING INCIDENT DOCUMENTATION

Detectives and forensic investigators are frequently summoned to scenes of violence involving firearms. These incidents, including homicides and officer-involved shootings, should be investigated to their logical conclusion. That requires an understanding of the firearms related evidence at the scene and how to properly document it.

This course teaches the student how to properly interpret physical evidence and to document the scene through note taking, diagramming, and photography. Use of rods, lasers, and protractors will be covered, as will the use of mathematics in determining bullet flight paths.

This is designed as an introduction to the 40-hour Shooting Incident Reconstruction course or as a standalone course for those students more concerned with documenting scenes as opposed to reconstructing them.

Course contents include shooting reconstruction concepts, defect characteristics, target surface considerations, chemical testing of defects, flight path rods, use of lasers, mathematics in shooting reconstruction, and hands-on exercises for each concept discussed.



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## COURSE INSTRUCTORS

# Gary Graff and Iris Dalley Graff

## GARY GRAFF



Gary W. Graff, retired FBI Special Agent, investigated violent crimes, sex crimes, fraud and property crimes. He specialized in complex cases, many of which were coordinated with state and local law enforcement. He has substantial trial and testimonial experience and extensive training and experience in crime scene processing, sketching and reconstruction, shooting incident reconstruction, and blood stain pattern analysis. He was a certified police instructor, SWAT member and instructor, firearms instructor, and member of the FBI's Evidence Response Team. Mr. Graff has a Bachelor of Science degree in Electrical Engineering and is a graduate of the FBI National Academy. He provides instruction in general investigative methods, crime scene and shooting incident reconstruction and bloodstain pattern analysis.

## IRIS DALLEY



Iris Dalley Graff served as a Special Agent for the Oklahoma State Bureau of Investigation (OSBI), retiring in 2009. During her career, she conducted laboratory analysis, crime scene investigation, and worked with various police agencies in processing and investigating hundreds of violent crime cases. Iris has a B.S. in Biology and Masters in Secondary Sciences. Iris is a Fellow and Distinguished Member of the Association for Crime Scene Reconstruction and former president of the International Association of Bloodstain Pattern Analysts. Iris has decades of experience in providing case consultation, expert testimony, forensic analysis and instruction in bloodstain pattern analysis, crime scene reconstruction, and shooting incident reconstruction, in the United States and other countries.

## TESTIMONIALS

“Thank you very much for all your effort in putting together such an extensive class material. The class was a wealth of important, interesting information. I appreciated every second of your presence because it could easily be noticed your dedication, your passion and the love of sharing.” **Camelia Mauro, Crime Scene Technician, Florida**

“I want to thank you and Iris for one of the most challenging and informative classes I've ever attended. I have a feeling of accomplishment having successfully completed this course. Your dedication to Law Enforcement and teaching the best class I've ever attended shows! Thank you again!” **Aldo Legge, Detective Sergeant, Pennsylvania**

Student names used with permission.