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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).



# Investigative Analysis & Crime Scene Reconstruction

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

**January 10 - 14, 2022**

**Tuition: \$579**

#### Location:

Arapahoe County Sheriff's Office  
13101 E. Broncos Parkway | Centennial, CO 80112

#### Lodging Information:

Holiday Inn & Suites Denver Tech Center - Centennial  
6638 South Nome Street | Centennial, CO 80111  
303-708-3000

**Room Rate:** \$99 plus tax | Free Breakfast, Wi-Fi, & Parking (Request breakfast voucher upon check in)  
**Booking Info:** Call the hotel and mention the Arapahoe County Sheriff's Office training, or use the hotel booking link on the course page at [tritechtraining.com](http://tritechtraining.com)

This course has been approved for 40 hours of certification/recertification training credit by the IAI Crime Scene Certification Board and 10 hours of certification training credit by the IAI Forensic Photography Certification Board.



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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.*

# Investigative Analysis & Crime Scene Reconstruction

Comprehensive analysis and reconstruction of evidence is essential to thorough investigation and reveals actions critical to determining truth, whether conducting a property crime, assault, or death investigation.

This thought-provoking 5-day (40 hour) Investigative Analysis and Crime Scene Reconstruction course was designed by veteran field experts. Detectives, crime scene investigators, accident reconstructionists, and others involved in evidence analysis will benefit substantially from this course. Lecture and practical hands-on exercises are used to advance investigators' skills by practicing tested science-based methodologies for objective analysis of evidence to reconstruct actions and events. The resulting reconstruction produces fact-based conclusions extremely valuable for case adjudication.

- Classroom instruction and practical exercises include:
- Essential concepts: analysis in context, logical reasoning process, scientific basis and objectivity in investigation.
- Techniques for organizing and evaluating information to aid retrievability, maximize comprehension, and identify evidence relationships.
- Reconstruction through a 5-step process of correlating evidentiary relationships between scene evidence, forensic analysis, subject/witness statements and

scene context.

- Introduction to bloodstain patterns and how they relate to other evidence.
- Application of science based principles to reverse-engineer and sequence actions identified by evidence in the scene.
- Application of the scientific method as an investigative approach and for resolving sequences in event analysis.
- Instruction for preparing accurate and comprehensive reconstruction reports.
- Introduction to using graphics and demonstratives for analysis and reports.
- Managing expert courtroom testimony.
- Concepts are reinforced through hands-on exercises analyzing historically-based case scenarios.

### Class Requirements:

Prior investigative or crime scene experience and basic familiarity with bloodstain patterns is helpful. Course materials are provided in electronic format. Attendees should bring an electronic device with USB connection and basic office suite software, such as a laptop computer, to access, prepare and save digital work product, case materials, and complete fillable forms used in lecture and practical exercises.

## — COURSE INSTRUCTORS —

### GARY GRAFF, CBPA



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.