Investigative Analysis & Crime Scene Reconstruction

Instructors: Gary Graff, CBPA & Iris Dalley Graff
March 13 - 17, 2023
Tuition: $629

Location:
St. Charles County Police Department
101 Sheriff Dierker Court | O'Fallon, MO 63366

Lodging Information:
Courtyard by Marriott
4341 Veterans Memorial Parkway | Saint Peters, MO 63376
636-477-6900

Room Rate: $119 plus tax King Room | $129 plus tax Double Queen Room
Booking Info: Call the hotel and mention the Fingerprint Training to receive the special rate.
**Cutoff date is March 24, 2023.**

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.
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.