

## \$655 PER STUDENT

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## REGISTRATION FORM

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\* Cancellation and refund policy in effect. Please visit  
<http://forensicpieces.com/hosting-and-attending-courses-faq>

## SHOOTING RECONSTRUCTION

By  
Jan Johnson, CSCSA  
Retired Senior Crime Laboratory Analyst  
Certified by State of Florida in Crime Scene  
Analysis and Bloodstain Pattern Analysis  
Certified by IAI  
in Crime Scene Analysis  
President of Forensic Pieces, Inc.

## ABOUT YOUR INSTRUCTOR:

Jan Johnson is retired from the State of Florida with over forty years of experience in law enforcement. After ten years with the FBI, Jan made the transition to crime scene analysis. She is recognized by the International Association of Identification (IAI) as a Certified Senior Crime Scene Analyst (CSCSA) and worked for FDLE in Pensacola, Florida for over twenty-two years. As a laboratory analyst and crime scene examiner, Jan's field of experience includes detection, collection, and preservation of physical evidence, bloodstain pattern analysis, trajectory analysis, buried body and skeletal remains recovery, clandestine laboratories, and numerous other procedures involving crime scene investigations. Due to her expertise in bloodstain pattern analysis along with crime scene reconstruction and analysis, Jan has testified in hundreds of criminal cases as an expert witness. Before retiring in 2004, she spent three years with the Escambia County Sheriff's Office as the Supervisor of the Crime Scene Latent Print Units, as well as overseer of ECSO's state-of-the-art Crime Laboratory, which she designed. Jan also served in the highly distinguished role of President of the IAI in 2004, Chairman of the Board in 2005, and considers herself honored to have been on the IAI's original Crime Scene Certification Board. Jan served as the President for the Florida Division of the IAI in 2007 as well as Chairman of the Board in 2008 and continues to serve on various committees within both the IAI and Florida Division of the IAI. Jan has taught numerous courses in the areas of both Crime Scene, Bloodstain Pattern Analysis, Shooting Reconstruction and Crime Scene Reconstruction, to name a few, here in the United States as well as abroad, including Canada, South Africa, Brazil, Bermuda, Costa Rica, and El Salvador.



JAN JOHNSON, CSCSA

**COURSE DATES:** APRIL 17 - 21, 2023  
8:00 AM- 5:00 PM

**LOCATION:** LAW ENFORCEMENT ACADEMY TUSCALOOSA  
7601 ROBERT CARDINAL AIRPORT ROAD  
TUSCALOOSA, AL 35401

**RECOMMENDED LODGING:** HOME 2 SUITES BY HILTON  
2610 UNIVERSITY BLVD.  
TUSCALOOSA, AL 35401  
PHONE: (205) 349-2002

**HOSTING AGENCY:** LAW ENFORCEMENT ACADEMY TUSCALOOSA  
**HOST CONTACT:** WESLEY JACOBS (205) 759-3000 OR [WJACOBS1@TUSCALOOSA.COM](mailto:WJACOBS1@TUSCALOOSA.COM)

\*\*TO REGISTER VISIT [WWW.FORENSICPIECES.COM](http://WWW.FORENSICPIECES.COM) OR CALL US AT (850) 332-0141\*\*

## COURSE DESCRIPTION:

This comprehensive five-day course is designed for crime scene investigators, detectives, crime laboratory analysts and others in the field of forensic science that have the basic training and skills for shooting crime scene examinations. This course will assist law enforcement officers in connecting all of the forensic pieces for the purpose of shooting crime scene reconstruction. A crime scene is a huge puzzle, and piece by piece we compile the physical evidence in each case; the more difficult job is trying to connect those pieces to obtain the big picture, the shooting crime scene reconstruction. This course will also assist in the documentation of physical evidence at the scene which previously might not have been recorded. The attendees will learn by using string, dowel rods, scientific calculators, and/or lasers about the flight path of the projectile from the moment it leaves a firearm muzzle to the moment it strikes the final target and is recovered. Also, students will examine the firearm residue for estimated distance determination from the position of the shooter to the victim and/or final target. Mock scenes for this course were designed to assist the student in the importance of scene documentation, and to obtain the maximum, accurate information for ultimate shooting crime scene reconstruction.

## COURSE TOPICS:

- Physical Evidence in Firearms Cases
- Photographic & Video Techniques
- Search, Sketching & Measuring Techniques
- Metal Detector Techniques
- Implementation of Grid Search
- Bloodstain Patterns
- Trigonometry & Trajectory
- Lasers & Shooting Reconstruction
- Chemical Applications
- Case Scenarios: Single-Shooting, Multiple-Shooting & Officer-Involved Shooting Crime Scenes
- Report Writing
- Courtroom Testimony



## WHAT TO BRING TO CLASS:

Casual attire is suitable. A laptop computer with PowerPoint capabilities and a camera are recommended. Any student who has a trajectory kit that they prefer to use or to gain knowledge and experience on their newly purchased kit should bring it to the class.

## WHO SHOULD ATTEND?

This is a hands-on course that is specifically designed for Crime Scene Investigators or Analysts with or without experience. This course is taught in a manner in which the Crime Scene Investigator or Analyst can easily understand.