

### \$655 PER STUDENT

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### ADVANCED 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:** JULY 17 – 21, 2023  
8:00 AM – 5:00 PM

**LOCATION:** ROCHESTER POLICE DEPARTMENT – NORTH PRECINCT  
4001 WEST RIVER PKWY NW  
ROCHESTER, MN 55901

**RECOMMENDED LODGING:** TOWNEPLACE SUITES  
2829 43<sup>RD</sup> ST. NW  
ROCHESTER, MN 55901  
PHONE: (507) 281-1200

STAYBRIDGE SUITES  
2350 COMMERCE DR NW  
ROCHESTER, MN 55901  
PHONE: (507) 280-9000

COUNTRY INN & SUITES  
4323 HWY., US-52  
ROCHESTER, MN 55901  
PHONE: (507) 285-3335

**HOSTING AGENCY:** ROCHESTER POLICE DEPARTMENT

**HOST CONTACTS:** SGT. ERIC STROP (507) 328-2728 [ESTROP@ROCHESTERMN.GOV](mailto:ESTROP@ROCHESTERMN.GOV)

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

### COURSE DESCRIPTION:

This advanced five day, 40-hour 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 have a brief review of basic techniques and skills that may have been acquired in other courses but will quickly expand their knowledge base and skillset with advanced techniques acquired through lecture and hands-on performance of exercises designed to test the attendees' ability to put all the pieces together. At the conclusion of the course the attendees will have acquired the ability to be able to generate a shooting reconstruction report for the purposes of ultimately providing expert testimony. Mock scenes for this course are specifically designed to assist the attendee in the importance of scene documentation, and to obtain the maximum, accurate information for ultimate shooting crime scene reconstruction. The course will be challenging but will yield the attendee great rewards in advancing their abilities in shooting reconstruction scenes.

### COURSE TOPICS:

- Review of the fundamentals of shooting reconstruction
- Angle of impact determination
- Documentation and testing of potential bullet holes or strikes
- Proper trajectory documentation of wall shots
- Projectile penetration and perforation
- Distance determination on targets and clothing
- Ballistics for shooting reconstruction
- Wound ballistics and track trajectory
- Reconciling bullet holes in clothing with the autopsy findings
- Homicides vs. suicides in firearm deaths
- Trace evidence consideration on firearms and projectiles
- Maximizing your firearms examiner
- Report writing
- Hands-on case solving
- Officer involved shooting investigations
- **Most topics augmented with actual casework**

### 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 officers with or without experience. This course is taught in a manner in which the crime scene officer can easily understand.

