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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 experience in law enforcement. After ten years with the F.B.I., Jan made the transition to crime scene analysis. She is recognized by the IAI as a Certified Senior Crime Scene Analyst and worked for FDLE in Pensacola, Florida for over twenty-two years. As a laboratory analyst and crime scene examiner, her field of experience includes detection, collection, and preservation of physical evidence, bloodstain pattern interpretation, 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 interpretation and crime scene reconstruction and analysis, Jan has testified in hundreds of criminal cases as an expert witness. Before retiring in 2004, Jan spent three years with the Escambia County Sheriff's Office as supervisor of the Crime Scene and Latent Print units, as well as overseer of ECSO's new crime lab, which she designed. Jan served in the highly distinguished role of President of the IAI in 2004, and Chairman of the Board in 2005, and considers herself honored to have been on the IAI's original Crime Scene Certification Board. Jan has served as President for the Florida Division of the IAI in 2007 as well as Chairman of the Board in 2008. She continues to serve on various committees within both the IAI and FDIAl. Jan has taught numerous courses in the areas of both Crime Scene and Bloodstain Pattern Interpretation and Crime Scene Reconstruction in the United States and abroad, including South Africa, Brazil, and Bermuda.



JAN JOHNSON, CSCSA

COURSE DATES: APRIL 13 – 17, 2020
8:00 AM – 5:00 PM

LOCATION: MONTGOMERY COUNTY SHERIFF'S OFFICE
DISTRICT 7
555 INFIRMARY ROAD
DAYTON, OH 45417

RECOMMENDED LODGING: MARRIOTT AT UNIVERSITY OF DAYTON
1414 S. PATTERSON BLVD.
DAYTON, OH 45409
PHONE: (937) 223-1000

HOMEWOOD SUITES
3100 CONTEMPORARY LANE
MIAMISBURG, OH 45342
PHONE: (937) 432-0000

CROWNE PLAZA DAYTON
33 E. 5TH STREET
DAYTON, OH 45402
PHONE: (937) 224-0800

HOSTING AGENCY: MONTGOMERY COUNTY SHERIFF'S OFFICE
HOST CONTACT: CAPTAIN ANDY FLAGG (937) 496-6887 OR FLAGGA@MCOHIOSHERIFF.ORG

**TO REGISTER, VISIT 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 and video techniques
- Search, sketching and measuring techniques
- Metal detector techniques
- Implementation of grid search
- Bloodstain patterns
- Trigonometry and trajectory
- Lasers and shooting Reconstruction
- Chemical applications
- Case scenarios: single-shooting, multiple-shooting and 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 officers with or without experience. This course is taught in a manner in which the crime scene officer can easily understand.