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

## ADVANCED BLOODSTAIN PATTERN ANALYSIS

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:** SEPTEMBER 26 – 30, 2022  
8:00 AM – 5:00 PM

**LOCATION:** WARD COUNTY ADMINISTRATIVE BUILDING  
225 3<sup>RD</sup> STREET SE – 1<sup>ST</sup> FLOOR  
ROOMS 106 – 108  
MINOT, ND 58701

**RECOMMENDED LODGING:** SLEEP INN & SUITES  
2400 10<sup>TH</sup> STREET SOUTHWEST  
MINOT, ND 58701  
PHONE: (701) 837-3100

**HOSTING AGENCY:** WARD COUNTY SHERIFF'S DEPARTMENT  
**HOST CONTACT:** CAPTAIN JASON KRAFT (701) 857-6500 OR [JASON.KRAFT@WARDND.COM](mailto:JASON.KRAFT@WARDND.COM)

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

**COURSE DESCRIPTION:**

This course was developed for the crime scene technician/analyst, detectives and forensic investigators who have already completed a basic bloodstain pattern analysis workshop and are seeking to learn more advanced skills in documenting, processing, and evaluating those scenes in which bloodshed has occurred. This course will enhance the basic skills and advance the students up to a competency level which is required for independent analysis. Contents of the course will include clothing examination, advanced techniques for blood detection, use of the scientific method and the ability to apply experimental designs to help support your bloodstain pattern interpretations. This course will include critical evaluation of prior cases already prepared as well as analysis of complex mock bloodstain crime scenes. Students will be expected to recognize and identify bloodstain evidence and to properly document and preserve that evidence. At the conclusion of this course students will be able to perform proper interpretation of bloodstain evidence and patterns, as well as prepare a report and render expert opinions. These new skills will be put to the test with a moot court setting at the end of the course in which the students will defend their expert opinions, utilizing their new knowledge, skills and abilities as a bloodstain expert. Students are encouraged to bring a bloodstain case for presentation and peer review. Bring your critical thinking hats for an exciting week-long challenge!



**COURSE TOPICS:**

- Understanding of Bloodstain Terminology Past, Present, & Future
- Recognize & Properly Document Bloodstain Patterns
- Utilization of Fundamental Knowledge of the Principles of Math and/or Physics which May Support or Contradict the Reconstruction of the Scene
- Knowledge of the Scientific Method & Application to Experimental Design to Support Opinions
- Interpretations of Bloodstains for Scene & Event Reconstruction
- Preparation of Bloodstain Reports & Expert Opinions
- Courtroom Preparation for the Bloodstain Expert Witness
- Moot Court Session with Peer Review

**WHAT TO BRING TO CLASS:**

Laptop computer with PowerPoint Presentation software capabilities for use during case presentation is recommended as well as a digital camera and tripod for bloodstain and mock scene documentation. Casual attire is suitable for the duration of the class week.

**WHO SHOULD ATTEND:**

This comprehensive, 40-hour course is designed for the student who has previously attended an introductory bloodstain pattern identification workshop. This includes the proper documentation of bloodstains and the identification of the physical characteristics of the bloodstain patterns created in violent crime scenes where bloodshed occurs. While prior bloodstain pattern analysis training would be greatly beneficial as a prerequisite to this course, it is not imperative and students may attend this informative and exciting training opportunity.