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Courses are presented in partnership with the International Association for Identification.

ADA / Special Accommodations

To ensure we can accommodate persons with special needs who wish to attend our courses, please be sure to identify the accommodation needed when you register, or if applicable, at the time you register by phone.

Host a course

By hosting one of our courses, you will be providing your agency's personnel and the forensic professionals in your area with a high-quality training opportunity, right in your local area. This means less cost to you or your agency for expenses such as travel, lodging, and meals, and less time away from home and family. Plus, hosts can qualify for tuition savings. For more information, visit tritechtraining.com.



Detection, Enhancement, & Documentation of Blood Evidence

Instructor: Sharon Plotkin, MS, CCSI

June 6 - 10, 2022

Tuition: \$647 | Hours: 8 am - 5 pm

Hosted By: Columbus Police Department

Location:

2330 14th Street | Columbus, NE 68601

Lodging Information:

**Holiday Inn Express & Suites
524 E 23rd Street | Columbus, NE 68601
402-564-2566**

Room Rate: \$96 per night plus tax

Booking Info: Contact the hotel by telephone and mention the Blood Evidence Class to receive the special rate.



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ABOUT TRITECH

A leader in the forensics market, Tri-Tech Forensics provides evidence collection and crime scene investigation products and training to crime labs and crime scene investigators throughout the world. With over 30 years of experience, we are the nation's most proficient developer and manufacturer of forensic kits. We are committed to providing our customers with state-of-the-art forensics products and services at affordable prices. It is our goal, through our research and development program, to continue to develop superior products and training to aid in all aspects of crime scene investigation and crime lab analysis. We know how important our products and training are to the forensics community, from investigation to prosecution. Our mission is the same as our customers – *Identify. Protect. Preserve.*

COURSE DESCRIPTION

Detection, Enhancement, & Documentation of Blood Evidence

Many crime scenes depict scenes of violence and blood-shedding events. It is on these scenes that many questions arise as to the events that may have occurred. These questions may relate to the location of people present, instrumentation that may have been used, directionality and recognition of bloodstain patterns. Documentation of these blood-shedding scenes assist crime scene and bloodstain reconstructionists in rendering critical opinions as to the events that occurred. Further investigation of blood-shedding scenes through the use of alternate light sources, presumptive blood tests and chemical enhancement techniques also assist in locating and collecting blood evidence for lab analysis and successful outcomes for criminal investigations.

The purpose of this five-day workshop is to introduce attendees to proper documentation of blood-shedding events through photographic techniques, sketching components and proper collection of blood evidence so the reconstruction process can proceed. Attendees will also be introduced to different chemicals used to enhance bloodstains that are visible on crime scenes and evidence and also to detect blood that is difficult to visualize because the amount of blood is too small or because the blood has been removed by cleaning or altering of the scene. The use of chemical presumptive tests to determine if blood is present and to determine if the detected blood is of a human or a nonhuman source will also be introduced.

Photographing chemical reactions to bloodstains and the use of infrared photography and grid mapping

of bloodstain patterns are also important aspects of documentation of these scenes and will be addressed in this workshop.

Upon completion of this course, attendees will be able to discuss, report and apply concepts to bloodstain patterns and the use of chemicals to enhance and detect bloodstains. Attendees will also be able to apply photographic and sketching techniques to document blood-shedding events and scenes properly and effectively in order that the reconstruction process can occur.

Attendees will utilize advanced photographic techniques as well as using blood enhancement chemicals such as Amido Black, Coomassie Blue, Leucocrystal Violet on various porous and nonporous surfaces. Detection of blood will be utilized with chemicals such as Bluestar. Presumptive blood testing will be conducted using materials such as Phenolphthalein, OBTI, and Sero Stix in the determination of blood.

Schedule:

Day One- 8 hours- Documenting crime scenes with blood evidence, bloodstain reconstruction

Day Two- 8 hours- Documenting crime scenes with blood evidence through sketching and gridding

Day Three- 8 hours- Alternate light source and presumptive blood tests

Day Four (8 hours): Enhancement and Detection of blood evidence

Day five (8 hours): Mock Crime scene practical

COURSE INSTRUCTOR

SHARON PLOTKIN, MS, CCSI



Sharon obtained her Master of Science degree in Criminal Justice with a minor in Psychology from Florida International University. She obtained her Bachelor of Science degree in Social Work, also from Florida International University and an Associate of Arts degree in Psychology from Broward Community College. She is currently seeking a doctoral degree in education. She is a member of several forensic organizations including American Academy of Forensic Science, International Association for Identification and Goldcoast Forensics.

In 2006, Sharon Plotkin received her certification in crime scene investigations through International Association for Identification and has been doing crime scene work for almost 21 years. She has handled thousands of cases ranging from burglaries to homicides and suspicious death cases.

Sharon has received specialized training in various fields of crime scene investigations, including bloodstain reconstruction, photography, crime scene reconstruction, fingerprinting, shoe wear casting and other various topics. She has traveled throughout the United States and Taiwan attending crime scene

conferences taught by experts, such as Dr. Henry Lee, Dr. Michael Baden, Dr. Vincent DiMaio, Vernon Geberth, Dr. Bill Bass, Paul Kish, Richard Saferstein and other highly notable crime scene experts.

Sharon published a crime scene reconstruction textbook with author Robert Ogle Jr. and is currently working on a second textbook. She is also a member of DMORT (Disaster Mortuary Operational Response Team) and FEMORS (Florida Emergency Mortuary Operations Response System response. She is currently the regional director for Region 5 for the Florida Division of the International Association for Identification.