TRITECH TRAINING FORENSICS

State-of-the-Art Training for the Modern Forensic Professional

To register, visit tritechtraining.com or contact our Training Director Phil Sanfilippo at 800.438.7884 ext. 1025 or by email at phil@tritechusa.com.

International Association for Identification

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

ADA / Special Accomodations

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.

Basic Bloodstain Pattern Analysis

Enrollment in this course is open solely to full-time, certified law enforcement officers in the State of Mississippi.

Location:

Mississippi Law Enforcement Officer's Training Academy
3791 Highway 468 West
Pearl, MS 39208

Instructor:

Amy Santoro, MS, CBPA, CSCSA, CFPH

Date: Oct 28 - Nov 1, 2024

Hours: 8 am - 5 pm $550.00 per seat

To register for this course, please contact James G. "Greg" Eklund, Instructor/Coordinator at 601-933-2172 or geklund@dps.ms.gov. or click the QR code to the right.

TFT-24-BBPA-103

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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.*

Bloodstain Pattern Analysis

This 40-hour Bloodstain Pattern Analysis (BPA) course will give students the working knowledge and tools to correctly identify and document bloodstain patterns. It will introduce the student to bloodstain terminology, the fundamental principles of BPA, theories, and science behind pattern formation, proper documentation of bloodstain patterns, and mathematic principles used in BPA. Instruction will be given through lectures, practicals, experimentation, and group presentations.

Throughout the course, students will learn how to identify different types of bloodstain patterns, such as passive, projected, and transfer patterns. They will also learn how to interpret the size, shape, and distribution of bloodstains to determine the nature and direction of the impact that caused them

Upon completion of the course, students will have a solid understanding of the fundamentals of bloodstain pattern analysis and be able to apply this knowledge to real-world scenarios. This course is suitable for individuals interested in pursuing a career in forensic science or law enforcement, as well as for those who want to develop a better understanding of the science behind bloodstain pattern analysis.

COURSE OBJECTIVES

- Acquire knowledge of the physical attributes of bloodstain patterns
- Acquire proficiency in the proper document and collect bloodstains and bloodstain patterns
- Develop a comprehension of the physics and mathematics employed in BPA
- Comprehend how bloodstain pattern analysis can assist in case reconstruction

COURSE CONTENT

- History of bloodstain pattern analysis
- Composition of blood
- Classification of Bloodstain patterns
- Physics of Bloodstain Formation
- Mathematics of Bloodstain Pattern Analysis
- Determine Angle of Impact
- Determine the area of convergence and area of origin in impact patterns
- Bias in Bloodstain Pattern Analysis
- Documentation of Bloodstain Patterns
- Case examples utilizing bloodstain pattern analysis
- Introduction to note-taking, report writing, and courtroom testimony

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COURSE INSTRUCTOR

Amy Santoro, MS, CBPA, CSCSA, CFPH

Amy Santoro has worked in forensic science since 2008. She holds a Bachelor of Science degree in Forensics and a Master of Science in Forensic Science. She is a doctoral candidate seeking a PhD in Forensic Investigations. Amy is recognized by the IAI (International Association for Identification) as a Certified Bloodstain Pattern Analyst, Certified Senior Crime Scene Analyst and Certified Forensic Photographer.

She has eleven years of experience as a crime scene investigator along with five years of experience as a forensic analyst specializing in forensic biology and body fluid identification. Amy specializes in shooting incident reconstruction and bloodstain pattern analysis.

Amy enjoys teaching and has taught courses in crime scene investigation, bloodstain pattern analysis, and forensic photography to law enforcement and forensic practitioners. She is also an adjunct university professor, teaching undergraduate classes and graduate courses.

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