TRITECH TRAINING FORENSICS

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

3811 International Blvd., Suite 100, Leland, North Carolina 28451
910.457.6600 x1025 | Cell: 954.806.2123 | tritechtraining.com | phil@tritechusa.com

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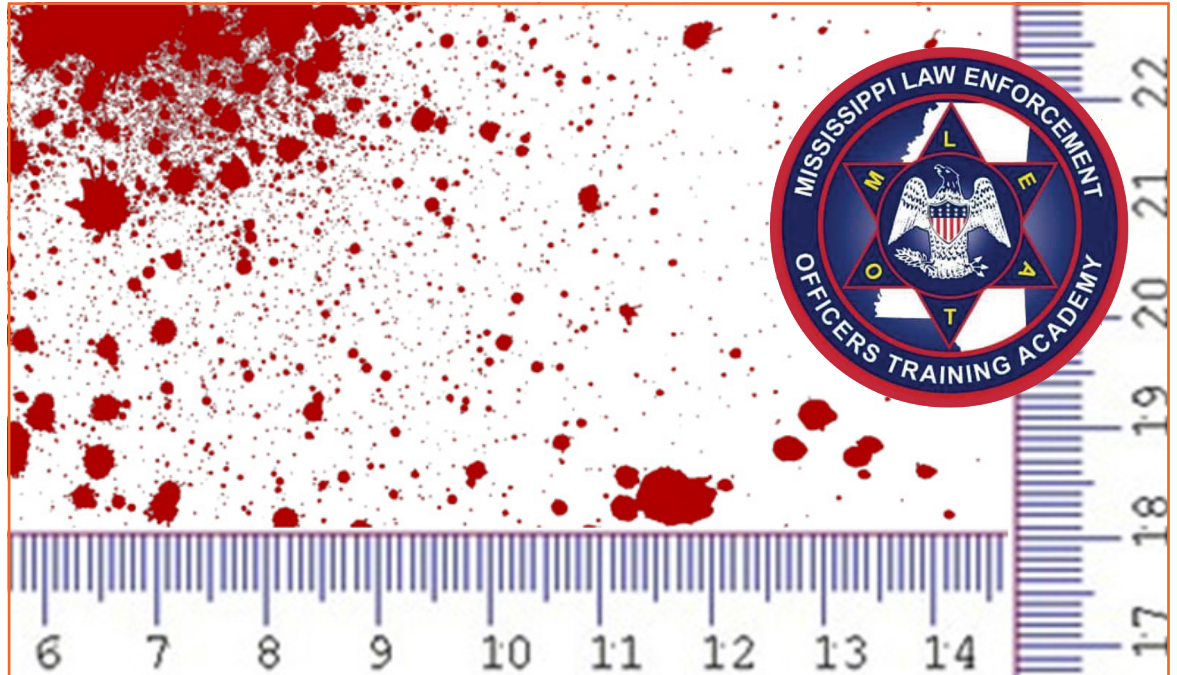
Courses are presented in partnership with the International Association for Identification.

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.

Advanced Bloodstain Pattern Analysis

Instructor:

Amy Santoro, Ph.D., CBPA, CSCSA

December 8 - 12, 2025

Hours: 8 am - 5 pm

Location:

Mississippi Law Enforcement Officer's Training Academy

3791 MS Highway 468 West

Pearl, MS 39208

TFT-25-ABPA-154

TRAINING
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COURSE DESCRIPTION

Advanced Bloodstain Pattern Analysis

In this 40-hour class, students will explore intermediate and advanced concepts in bloodstain pattern analysis, and build upon concepts introduced in a basic bloodstain pattern analysis pattern analysis course. Students must have completed a 40-hour basic bloodstain pattern analysis course to enroll.

Students should bring a camera and a laptop to class if possible

Course objectives:

- Understand BPA standards and gain an understanding of the standard development process
- Gain a basic understanding of the mathematics of BPA and the different techniques to reconstruct impact patterns
- Gain a basic understanding of the existing standards applicable to bloodstain pattern analysis (USA based standards)
- Understand how to apply a methodology to classify bloodstain patterns
- Gain a basic understanding of bloodstain patterns on fabric surfaces and the challenges of classifying bloodstains on clothing
- Understand how to collect case documentation, build a case file, and author a bloodstain pattern report
- Apply skills to analyze a mock crime scene and mock evidence, build a case report, and author a report

Day 1

- Course Introduction
- Review of ASB terminology
- Review of bloodstain pattern Characteristics
- Standards in BPA
- Forward and Backspatter
- Forward and Backspatter (Live fire range exercise)
- Forward and Backspatter (lab exercises with airsoft pistol)

Day 2

- Impact Pattern review
- Area of convergence and area of origin review
- Area of origin via stringing
- Area of origin via tangent method
- Area of origin via computer modeling
- Limiting angles lecture

Day 3

- Bloodstains on Fabrics
- Classifying bloodstain pattens on fabrics

Day 4

Classification review
Classification exercise
Mock crime scenes

Day 5

- Correlation of evidence and report writing
- Write reports for final crime scenes
- Group presentations to class/mini mock testimony

COURSE INSTRUCTOR

Amy Santoro, MS, CBPA, CSCSA

Dr. Amy Santoro has worked in forensic science since 2008. She holds a Bachelor of Science degree in Forensics, a Master of Science in Forensic Science, and a PhD in Forensic Sciences. Amy is recognized by the International Association for Identification as a Certified Bloodstain Pattern Analyst, Certified Senior Crime Scene Analyst, and Certified Forensic Photographer. She has over 11 years of experience as a Crime Scene Investigator along with 5 years of experience as a forensic analyst specializing in forensic biology and body fluid identification. She specializes in shooting incident reconstruction and bloodstain pattern analysis.

Dr. Santoro enjoys teaching, and in addition to teaching with Tritech she is an Assistant Professor of Practice at Texas Tech University. She is the owner of Santoro Forensic Consulting, where she works private casework in the areas of bloodstain pattern analysis and shooting reconstruction.