

Basic Bloodstain Pattern Analysis



Instructor:

Amy Santoro, Ph.D.

July 6 - 10, 2026

Hours: 8 am - 5 pm

Tuition: \$799

Location:

Worcester Police Department

9-11 Lincoln Square

Worcester, MA 01608

Contact: Amy@SantoroForensics.com

Basic Bloodstain Pattern Analysis

This 40-hour Basic Bloodstain Pattern Analysis course is designed for CSIs, forensic professionals, and law enforcement officers and is designed as an introductory level course for those who have not had BPA training. The course is a mixture of lecture, practical experiments, and mock scene analysis.

During the course, students will learn how to identify different types of bloodstain patterns. They will learn how to utilize size, shape, distribution, location, and appearance features to classify various bloodstains. Students will learn how to determine the area of convergence and area of origin of impact patterns.

Upon completion of the course, students will have an understanding of the fundamentals of bloodstain pattern analysis. This course is IAI approved for certification and recertification credit.

LEARNING OBJECTIVES:

- Understand the physical properties and characteristics of blood
- Utilize proper documentation and collection methods for bloodstains and bloodstain patterns.
- Understand the various types of bloodstain patterns
- Understand the ASB approved terminology for bloodstain patterns
- Employ proper mathematical principles for determining angle of impact, area of convergence, and area of origin.
- Understand and apply bloodstain pattern analysis findings to crime scenes and written reports

WHAT TO BRING:

- All materials will be provided. Students may bring a camera if they wish
- Students should wear casual clothing and closed-toe shoes

To Register:

Email Amy@SantoroForensics.com

Payment will be collected after registration is confirmed, either via check or credit card

COURSE INSTRUCTOR

Amy Santoro, Ph.D., CBPA, CSCSA, CFPH



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 Ph.D. in Forensic Sciences. Dr. Santoro 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 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 is the owner of Santoro Forensic Consulting, a private forensic consulting firm. She specializes in shooting incident reconstruction and bloodstain pattern analysis.

Dr. Santoro 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 a university professor, teaching undergraduate classes and graduate courses.

She is a member of the BPA OSAC and ASB, a Vice President of the International Association of Bloodstain Pattern Analysts, and a co-author of *The Handbook of Bloodstain Pattern Analysis*. Dr. Santoro is a member of the IAI BPA certification board and the BPA Science and Practices subcommittee.