

# Advanced Bloodstain Pattern Analysis



**Instructor:**

**Amy Santoro, Ph.D.**

**August 10 - 14, 2026**

**Hours: 8 am - 5 pm**

**Tuition: \$825**

**Location:**

**Worcester Police Department**

**9-11 Lincoln Square**

**Worcester, MA 01608**

**Contact: [Amy@SantoroForensics.com](mailto:Amy@SantoroForensics.com)**



# Advanced Bloodstain Pattern Analysis

This 40-hour Advanced Bloodstain Pattern Analysis course is designed as an advanced level course for those who completed a 40-hour basic BPA course. Students do not need to take their basic course with Dr. Santoro, but should complete a 40-hour basic BPA course before attending this training. The course is a mixture of lecture, practical experiments, and mock scene analysis.

During the course, students will make and analyze forward and back spatter patterns, will learn about bloodstain patterns on fabrics, and will learn how to classify bloodstain patterns using a modified ACE-V method and size, shape, distribution, location, and appearance features to classify various bloodstains. Students will learn to analyze impact patterns via three techniques and will analyze and reconstruct a mock crime scene. This course is IAI approved for certification and recertification credit.

## LEARNING OBJECTIVES:

- Understand BPA standards
- Understand BPA mathematics
- Understand how to apply a methodology to classify bloodstain patterns
- Gain a basic understanding of bloodstain patterns on fabrics and the challenges of classifying bloodstains on fabric
- Apply skills to analyze a mock crime scene and mock evidence and build a case report

## WHAT TO BRING:

- Students should bring a laptop computer if possible.
- Students may bring a camera if they wish
- Students should wear casual clothing and closed-toe shoes

## To Register:

Email [Amy@SantoroForensics.com](mailto: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.