

**Bloodstain Pattern Analysis,  
Recognition and Documentation Course**

This 3-day workshop is designed for police officers, detectives, crime scene investigators, and criminalists who process, document, recover and preserve blood at crime scenes. Inexperienced officers and seasoned investigators alike will expand their abilities using the concepts and methods taught in this class. All information in this course is taught in accordance with standards set forth by the International Association of Bloodstain Pattern Analysis (IABPA), SWGSTAIN, and the International Association for Identification (IAI) certification reference materials.

**Course topics include:**

Terminology	Scene Documentation
Concepts of Blood Drop Flight	Recovery of Latent Blood
Chemical Tests	Bloodstain Pattern Analysis

Students will benefit from lectures, case examples and several hands-on exercises. The practical exercises will expose students to modern methods used in the recovery and documentation of blood at crime scenes with an overview of bloodstain pattern analysis.

**Course Outline**

**Day 1**

- Introduction
- BSPA terminology
- Experiments
  - Blood dripping in blood
  - Cast off
  - LCV
  - Impact spatter
  - Angle of impact
  - Stepping in blood
  - Contact transfer patterns
  - Wipe, swipes, drying time, skeletonized stains
  - Effects of surface on size and shape of the spatter

**Day 2**

- Crime scene preservation of bloodstain patterns
  - Overall documentation of the scene
  - Developing a strategy for documenting specific patterns- quadrants
  - How far to go and what to consider when evaluating every little stain

- Written notes, sketches, etc.
- Things to consider if the body is still present at the scene
- Supplies
- Presumptive tests for blood first?
- Two swab method
- Packaging, documentation and submittal to the lab
- What will the lab test for DNA?

Mock crime scene

### Day 3

Review mock crime scene result

Group exercises to experiment with the following topics:

- Bloodstain measurement work sheet exercise
- Examine a demonstration poster board and identify the patterns present

Luminol (with photography)

LCV

Exam