



## **40-Hour Bloodstain Pattern Documentation, Enhancement, and Detection Course**

**\$650 per student**

**Hosting Agency: City of Concord, New Hampshire Police Department**

**Training Dates: November 18-22, 2024**

### **Course Overview:**

This course is designed for any investigator who seeks to improve and enhance their abilities in properly documenting bloodstained scenes and/or evidence. The course will focus on incorporating proper bloodstain terminology, pattern identification, and various documentation methods, including photography, note taking, and report writing, that will ensure the patterns can be analyzed at a later time. The course will also cover detection and enhancement of latent bloodstains, including documentation and preservation methods. Students will be exposed to various chemical presumptive tests, and enhancement and detection chemicals. Students will also be tasked with photographing their results.

It is recommended that students have previously completed a basic crime scene processing workshop course or have experience in the field. Students will need to bring the following equipment, if possible: DSLR camera, tripod, macro lens, and external flash.

### **Learning Objectives:**

- Understand and apply proper bloodstain terminology when describing bloodstain patterns
- Classify bloodstain patterns through an understanding of bloodstain characteristics
- Employ proper documentation methods for bloodstains and bloodstained evidence
- Understand and apply proper bloodstain detection and enhancement methods to bloodstains and bloodstained evidence
- Employ the principles of sequential processing techniques to best document and preserve bloodstained evidence
- Apply presumptive blood testing methods

### **Course Breakdown:**

#### **Day 1**

Students will learn the fundamentals and application of bloodstain pattern analysis to forensic investigation. Students will learn and apply proper bloodstain terminology and pattern

\*This course has been approved for 24-hours of certification and re-certification training credit by both the IAI Crime Scene and Bloodstain Pattern Analysis board.



recognition. Students will practice describing bloodstains based upon size, shape, distribution, and appearance.

### **Day 2**

Students will have the opportunity to apply what they learned regarding documentation and photography of bloodstains in a practical setting. Students will be introduced to documenting bloodstains utilizing scales of bloodstained walls and surfaces. Students will also begin documenting bloodstained items of evidence.

### **Day 3**

Students will be introduced to the foundations of the sequential processing model. Students will be provided an overview of blood detection and enhancement chemicals, including the properties they react to within blood. Students will have the opportunity to practice with bloodstain enhancement chemicals and photograph their results.

### **Day 4**

Students will be introduced to blood detection methods for latent bloodstains such as Luminol, Bluestar Forensic, and IR photography. Students will prepare their detection chemicals and process scenes and evidence for possible detection of latent bloodstains. Students will be required to photograph their results.

### **Day 5**

Students will be provided numerous mock scene and evidence scenarios to allow them to apply their knowledge of proper bloodstain pattern documentation and sequential processing as it relates to blood detection and enhancement.

### **Registration Information**

To register, access the registration and enrollment form from [sieversforensics.thinkific.com](http://sieversforensics.thinkific.com) under the 'In-Person Forensic Training' tab. The form can be emailed directly to Heidi Sievers at [sieversforensics@gmail.com](mailto:sieversforensics@gmail.com). The form can also be mailed directly to:

Sievers Forensics, LLC  
187 Dandelion Court  
Spring Hill, FL 34606

Payments are due upon registration. On the registration and enrollment form, please select if payment will be made by a mailed check to the address above or via credit/debit card. If payment is preferred by credit/debit, a separate email will be sent with an invoice.

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**Training Site Location:**  
**Concord City-Wide Community Center**  
14 Canterbury Road  
Concord, NH 03301

**Hotel Recommendations:**  
**Tru by Hilton- Concord**  
406 South Main Street  
Concord, NH 03301

**The Hotel Concord**  
11 South Main Street  
Concord, NH 03301

#### **ADA/ Special Accommodations**

To provide our students with the best possible learning environment, please notify of any requested accommodations when registering. This can be done on the registration form or by contacting Heidi Sievers directly by email or phone (727-247-4075).

#### **Instructor Profile: Heidi Sievers, PhD, CBPA**



Heidi Sievers holds a PhD in Criminal Justice and a Master's in Forensics. She is an International Association for Identification (IAI) Certified Bloodstain Pattern Analyst (CBPA) and Certified Crime Scene Analyst (CCSA). She is Chair of the Bloodstain Pattern Analysis Board for the Florida Division of the IAI and a Voting Member of the Bloodstain Pattern Analysis Consensus Body for the American Academy of Forensic Science Standards Board. She is a former forensic investigator and human remains detection canine handler with Pasco Sheriff's Office. Currently, she is an undergraduate and graduate professor in criminal justice, crime scene technology, and forensic science at various universities. She is the owner of Sievers Forensics which provides forensic and bloodstain pattern analysis consultation and training to various agencies worldwide, including law enforcement and the military. She has been featured as an expert correspondent for Fox News, Law and Crime, and other media outlets. Her training courses have been IAI-approved for initial and re-certification by the bloodstain and crime scene boards. She has also been acknowledged as an International Association for Bloodstain Pattern Analysts approved instructor.

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