

Bloodstain Pattern Analysis

Instructor: Wayne Sheppard

Wayne Sheppard assists local, state, and federal law enforcement agencies in areas such as violent crime analysis, case consultations and investigative assistance as requested by law enforcement in the United States and abroad. Additionally, he provides training in violent crime analysis, crime scene assessments, the design of law enforcement policies and procedures, the development of regional response plans, and other efforts aimed at enhancing an agency's overall investigative response to violent crime incidents, missing, abducted and exploited children incidents.

He is an international lecturer on behavioral crime scene assessments and murder and rape typologies and has conducted research in the areas of serial homicide and child homicides.

Mr. Sheppard is a retired member of the Pennsylvania State Police where he held several investigative and supervisory positions. Prior to his retirement, he was the supervisor of the Criminal Investigation Assessment Unit, where he was responsible for the investigation and coordination of psychosexual homicide, serial rape, and other behaviorally based crimes occurring in Pennsylvania, also, the supervisor of the Missing Persons Unit where he provided investigative assistance for law enforcement in missing and sexually exploited children cases, and the Amber Alert Coordinator where he created and implemented the Pennsylvania Amber Alert Program for Pennsylvania.

He has also addressed professionals representing the disciplines of law enforcement, corrections, social work, probation and parole, medicine, law, television, radio, and academia on a national and international basis.

He is the recipient of numerous awards both nationally and internationally for his support and expertise in violent crime and child exploitation investigations.

Mr. Sheppard is a member of the Vidocq Society, a group comprised of experts from various disciplines across the country that provide pro bono services in the investigation and analysis of unsolved violent crimes occurring in the United States.

He is the past Vice-President of the Pennsylvania Homicide Investigators Association, Virginia Homicide Investigators Association, and past board member of the Attorney General's Legal/Medical Advisory Board on Elder Abuse.

Course Objectives:

Prevailing at violent crime scenes is the presence of blood. Significantly, the blood should be treated as important evidence. This course is designed to provide the participant with the basic knowledge of bloodstain pattern analysis to reconstruct crime scenes. During instruction, participants will acquire a working knowledge of bloodstain pattern identification, interpretation, documentation, and subsequent dissemination of their bloodstain pattern analysis to other investigative personnel to enhance the overall investigative efforts to reach case resolution. To accomplish the course objectives, the participants will analyze interpretive crime scenes, conduct practical exercises, and complete a series of practicums. Upon completion, training certificates will be issued to the participants.

Topics Covered:

- Forensic Evidence
- Crime Scene Preservation Methods
- Bloodstain Identification
- Bloodstain Preservation
- Bloodstain Collection Methods
- Incremental Crime Scene Reconstruction
- Application of Behavioral and Forensic Science
- Death Scene Case Analysis

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Day 1

8:00 a.m.—8:30 a.m.	Registration
8:30 a.m.—9:00 a.m.	Introductions and Course Objectives
9:00 a.m.—9:45 a.m.	Forensic Evidence - Its Application to the Criminal Investigative Process
9:45 a.m.—12:00 p.m.	Crime Scene Preservation Methods - Variances
12:00 p.m.—1:00 p.m.	Lunch (On Your Own)
1:00 p.m.—3:00 p.m.	Bloodstain Identification
3:00 p.m.—4:00 p.m.	Bloodstain Identification – Practicum

Day 2

8:00 a.m.—10:00 a.m.	Bloodstain Preservation
10:15 a.m.—12:00 p.m.	Bloodstain Preservation – Practicum
12:00 p.m.—1:00 p.m.	Lunch (On Your Own)
1:00 p.m.—3:15 p.m.	Bloodstain Collection Methods
3:15 p.m.—4:00 p.m.	Bloodstain Collection Methods – Practicum

Day 3

8:00 a.m.—10:00 a.m.	Incremental Crime Scene Reconstruction
10:00 a.m.—11:45 a.m.	Application of Behavioral and Forensic Science
11:45 p.m.—12:00 p.m.	Lessons Learned and Certificate Presentation

