



### COURSE DESCRIPTION:

This course was developed for the crime scene technician/analyst, detectives and forensic investigators who have already completed a basic bloodstain pattern analysis workshop and are seeking to learn more advanced skills in documenting, processing, and evaluating those scenes in which bloodshed has occurred. This course will enhance the basic skills and advance the students up to a competency level which is required for independent analysis. Contents of the course will include clothing examination, advanced techniques for blood detection, use of the scientific method and the ability to apply experimental designs to help support your bloodstain pattern interpretations. This course will include critical evaluation of prior cases already prepared as well as analysis of complex mock bloodstain crime scenes. Students will be expected to recognize and identify bloodstain evidence and to properly document and preserve that evidence. At the conclusion of this course students will be able to perform proper interpretation of bloodstain evidence and patterns, as well as prepare a report and render expert opinions. These new skills will be put to the test with a moot court setting at the end of the course in which the students will defend their expert opinions, utilizing their new knowledge, skills, and abilities as a bloodstain expert. Students are encouraged to bring a bloodstain case for presentation and peer review. Bring your critical thinking hats for an exciting week-long challenge!

### COURSE TOPICS:

- Understanding of Bloodstain Terminology Past, Present, & Future
- Recognize & Properly Document Bloodstain Patterns
- Utilization of Fundamental Knowledge of the Principles of Math and/or Physics which May Support or Contradict the Reconstruction of the Scene
- Knowledge of the Scientific Method & Application to Experimental Design to Support Opinions
- Interpretations of Bloodstains for Scene & Event Reconstruction
- Preparation of Bloodstain Reports & Expert Opinions
- Courtroom Preparation for the Bloodstain Expert Witness
- Moot Court Session with Peer Review

### WHAT TO BRING TO CLASS:

Laptop computer with PowerPoint Presentation software capabilities for use during case presentation is recommended as well as a digital camera and tripod for bloodstain and mock scene documentation. Casual attire is suitable for the duration of the class week.

### WHO SHOULD ATTEND?

This comprehensive, 40-hour course is designed for the student who has previously attended an introductory bloodstain pattern identification workshop. This includes the proper documentation of bloodstains and the identification of the physical characteristics of the bloodstain patterns created in violent crime scenes where bloodshed occurs. While prior bloodstain pattern analysis training would be greatly beneficial as a prerequisite to this course, it is not imperative, and students may attend this informative and exciting training opportunity.

