

COURSE DESCRIPTION:

This comprehensive five-day course is designed for crime scene investigators, detectives, crime laboratory analysts and others in the field of forensic science that have the basic training and skills for shooting crime scene examinations. This course will assist law enforcement officers in connecting all of the forensic pieces for the purpose of shooting crime scene reconstruction. A crime scene is a huge puzzle, and piece by piece we compile the physical evidence in each case; the more difficult job is trying to connect those pieces to obtain the big picture, the shooting crime scene reconstruction. This course will also assist in the documentation of physical evidence at the scene which previously might not have been recorded. The attendees will learn by using string, dowel rods, scientific calculators, and/or lasers about the flight path of the projectile from the moment it leaves a firearm muzzle to the moment it strikes the final target and is recovered. Also, students will examine the firearm residue for estimated distance determination from the position of the shooter to the victim and/or final target. Mock scenes for this course were designed to assist the student in the importance of scene documentation, and to obtain the maximum, accurate information for ultimate shooting crime scene reconstruction.

COURSE TOPICS:

- Physical Evidence in Firearms Cases
- Photographic & Video Techniques
- Search, Sketching & Measuring Techniques
- Metal Detector Techniques
- Implementation of Grid Search
- Bloodstain Patterns
- Trigonometry & Trajectory
- Lasers & Shooting Reconstruction
- Chemical Applications
- Case Scenarios: Single-Shooting, Multiple-Shooting & Officer-Involved Shooting Crime Scenes
- Report Writing
- Courtroom Testimony

WHAT TO BRING TO CLASS:

Casual attire is suitable. A laptop computer with PowerPoint capabilities and a camera are recommended. Any student who has a trajectory kit that they prefer to use or to gain knowledge and experience on their newly purchased kit should bring it to the class.

WHO SHOULD ATTEND?

This is a hands-on course that is specifically designed for Crime Scene Investigators or Analysts with or without experience. This course is taught in a manner in which the Crime Scene Investigator or Analyst can easily understand.

