

# RON SMITH AND ASSOCIATES, INC.

## FORENSIC EXAMINATION OF VIOLENT CRIME SCENES

Great Falls, MT | April 15-17, 2019



**Class Instructor:**  
Douglas Young, CCSI

**3 Day Course**

**24 Training Hours**

**\$400.00 Tuition**

**This course is approved  
for IAI certification and  
recertification purposes**



**RS&A recommends  
taking our classes in  
order of our Sequential  
Training Curriculum**

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SEQUENTIAL TRAINING  
CURRICULUM**



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COURSE BROCHURE**

### CLASS CONTACT

Sgt. Jim Wells  
Great Falls Police Department  
406-455-8522  
jwells@greatfallsmt.net

### CLASS LOCATION

Great Falls Police Department  
112 1st Street South  
Great Falls, MT 59401  
Class Times: 08:00 a.m. to 05:00 p.m.

### LODGING INFORMATION

Although we cannot endorse any particular hotel property, we have confirmed that the following lodging is within a reasonable commuting distance to the training site.

Staybridge Suites  
201 3rd Street NW  
Great Falls, MT 59404  
406-761-4903

[CLICK HERE FOR HOTEL WEBSITE](#)

### TARGET AUDIENCE

This course is designed for anyone who is tasked with investigating and processing violent crime scenes, particularly those crimes involving bloodshed. Although it will be beneficial to have prior training and experience in bloodstain pattern analysis, it is not a requirement for participation in the course. Even if you are not the person who will be interpreting bloodstain and shooting evidence, you should attend this course if you will be responsible for documenting these types of crime scenes.

### SPECIAL NOTES FOR STUDENTS

Students should bring their camera (digital preferred), lenses, batteries, digital media, off-camera flash with remote cord, tripod (if available), and flashlight.

Students should also bring the instruction manuals for their specific camera and flash, if available.

Also, practical exercises will be conducted both inside and outside. Students are advised to bring clothing suitable for possible soiling as well as inclement weather.

### REGISTER AND PAY TUITION ONLINE

Training registration and tuition fees can now be completed online in the new RS&A e-Store!

- Online registration is fast and easy!
- Pay class tuition using your credit card, request an invoice, or choose check by mail.

Visit [www.RonSmithandAssociates.com/Training](http://www.RonSmithandAssociates.com/Training) to select your class and register online today!

# RON SMITH AND ASSOCIATES, INC.

## FORENSIC EXAMINATION OF VIOLENT CRIME SCENES

### COURSE DESCRIPTION

Crime is typically divided into two categories: crimes against property and crimes against persons. While the former is serious and may indeed constitute the majority of departmental caseloads, it is the latter that frequently results in serious bodily harm or death. Therefore, it is imperative that appropriate forensic and law enforcement personnel be able to successfully recognize, document and/or interpret evidence found at these types of scenes. Furthermore, it may be important in a particular scene to be able to sequence a series of events to reconstruct how a crime may have occurred and the actions that were involved. This may allow the trained analyst/investigator to support or contradict statements offered by suspects, victims and/or witnesses, thereby providing further insight into an investigation.

This advanced course will present both the theory and practical application of several techniques that are essential to crime scene examination and reconstruction of violent crimes. Practical exercises and case studies will be utilized to reinforce the material presented.

#### Course Overview

- \* Bloodstain Pattern Analysis
- \* Stain recognition
- \* Documentation of bloodstain patterns
- \* Angle of impact determination
- \* Reconstruction methods
- \* Chemical development/enhancement techniques
- \* Shooting Reconstruction
- \* Examination of bullet defects
- \* Direction of travel
- \* Demonstration of trajectory Shot sequencing
- \* Documentation considerations
- \* Specialized Photography
- \* Macro photography
- \* Painting with light
- Additional Topics**
- \* Special issues in officer-involved shootings
- \* Alternate light source examination



**Class Instructor:**  
Doug Young, CCSI

### DAILY SCHEDULE

	Day 1	Day 2	Day 3
Hour 1	Bloodstain pattern analysis lecture	Bloodstain mock scene exercise	Shooting reconstruction exercises
Hour 2	Bloodstain pattern analysis lecture	Bloodstain mock scene exercise	Shooting reconstruction exercises
Hour 3	Practical exercises	Bloodstain mock scene exercise	Shooting reconstruction exercises
Hour 4	Case studies	Bloodstain mock scene exercise	Shooting reconstruction exercises
Lunch	Lunch	Lunch	Lunch
Hour 5	Case studies	Discussion of mock scenes	Discussion of practical exercises
Hour 6	Documentation considerations	Shooting reconstruction lecture	Painting with light
Hour 7	Blood reagents	Shooting reconstruction lecture	Alternate light source examination
Hour 8	Practical exercise – blood reagents	Shooting reconstruction lecture	Officer-involved shootings

### TARGET AUDIENCE

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[CLICK HERE TO VIEW OUR SEQUENTIAL TRAINING CURRICULUM](#)





**RON SMITH AND ASSOCIATES, INC.****FORENSIC EXAMINATION OF VIOLENT CRIME SCENES****SHOULD BE ABLE TO PERFORM**

Upon successful completion of this course, the student should be (better) able to:

- \* Properly classify, document and interpret bloodstains patterns
- \* Determine the sequence of events in a crime involving bloodshed
- \* Determine points of convergence and origin for reconstruction purposes
- \* Utilize the appropriate blood reagent(s) in the proper order, if necessary
- \* Properly document and interpret a shooting scene
- \* Determine, demonstrate and document trajectories using the best method for a particular scene
- \* Utilize basic methods for shooting scene reconstruction

**MUST BRING TO CLASS**

Students should bring their camera (digital preferred), lenses, batteries, digital media, off-camera flash with remote cord, tripod (if available), and flashlight.

Students should also bring the instruction manuals for their specific camera and flash, if available.

Also, practical exercises will be conducted both inside and outside. Students are advised to bring clothing suitable for possible soiling as well as inclement weather.

**HOST A CLASS**

If you would like to host this class the following facilities will be needed.

A classroom for the lecture portions of the course. Another room of suitable size to setup 5 – 6 mock crime scenes. A space of about 20 x 20 feet would work very well. This space will not intentionally get dirty but there have been some very minor spills in the past. For this reason a room with tile or vinyl flooring rather than carpet is preferred. Cardboard and white butcher paper are used to protect the walls and floor and the walls are used to help build the scenes/scenarios. Almost all of the time there is no trace we were there. As an aside, we use synthetic blood so there is no biohazard to worry about. We would also appreciate it if you would acquire the white butcher paper prior to the start of class.

A car that can be shot into in various places. The vehicle will need an in-tact windshield and tires, though the tires do not need to be holding air. We will supply instructions to the appropriate people as to how to shoot through the windshield, into the tires and body so that appropriate investigative techniques can be taught. The cars have typically come from scrap yards or towing companies. They don't have to be in good shape at all but really cannot be burned out or totally demolished.

We have been able to work out the requirements for this class for everyone who has wanted to host it. We will work with you to make sure the rooms and vehicle are appropriate and you will not have to worry about damage to your facilities (plus, someone gets to shoot up a car).

**I.A.I. APPROVED TRAINING HOURS**

This course provides 24 training hours and is approved for IAI Certification and re-certification.

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