



Utah Bureau of Forensic Services

Crime Scene Specialist Training

Basic and Advanced Crime Scene Registration

Name _____

Agency _____

Contact Information

Email _____ Phone number _____

Please Check Applicable Class(s)

_____ Basic April 13-17, 2020

_____ Advanced April 27-May 1, 2020

The cost of the class is \$250.00 each or \$400.00 for both. Please send check to:

Department of Public Safety

Utah Bureau of Forensic Services

PO Box 148285

Salt Lake City, UT 84114-8285

Class to be taught at :

Utah Public Health Lab @

4431 S 2700 W, Salt Lake City, UT 84129

Crime Scene Specialist (Basic)

Description: The Crime Scene Specialist Class is an entry-level course designed to provide the new investigator with correct tools to become familiar with the evaluation, preservation, documentation and collection of commonly encountered physical evidence types. If the student does well in the class and continues to practice these skill sets upon graduation, then they can expect to develop proficiency in crime scene processing.

Since the majority of crime scene work is documentation, this is the focus of the course. As such, the student will be required to bring their own SLR camera, tripod and flash with all necessary attachments. (e.g., sync cord, extra batteries, macro lens, etc...) However, the class does not teach entry-level camera use. We use the Nikon D70, and while most cameras are similar, they are different, and we cannot be expected to know everything about every camera. Hence, the student should be very familiar with their camera, its settings and attachments.

It is recommended that a basic photography course be taken prior to attempting this class. It is further recommended that a student bring a digital SLR camera and laptop to this course to aid in the rapid review and verification of photographs.

Minimum Passing Grade: There are four written examinations, which are given at the start of each class (0800) in the morning. The student must have a cumulative score of 70% or higher to pass the class and receive credit. There are multiple lab exercises that the student must complete and have instructor verification (signoff). At the end of this course (Friday) the students will assemble into four teams and each team will process a mock crime scene, demonstrating the skills that they have learned and practiced during the week.

Student Expectations: The student should plan on being very busy and adjust their work schedule to compensate for this class. To do well on the written test, each student will need to study an average of 1-2 hours each night (plus plan on one [night] photography shoot during the week). Optionally, the student may want to practice after class time some of the skills that they learned during the day. This will help the crime scene practical go smoother and lessen the student's anxieties. Remember to have fun and take full advantage of this time to ask questions of the experts teaching this class and practice your newly learned techniques.

Instructors:
Utah BFS Personnel

Address of Lab:
Utah Bureau of Forensic Services
4451 S Constitutional Blvd., 2nd Floor
Taylorsville, UT 84129

Phone:
Lab – 801-393-4549
Fax – 801-393-4574
Email - bosmith@utah.gov

Schedule: April 13-17, 2020

Monday

- 8:00-8:15 Registration/Welcome/ Introduction and course overview
- 8:15-9:45 Crime Scene Management
- 9:45-10:00 Break
- 10:00 -11:00 Note taking and Sketching
- 11:00- 12:00 Note taking and Sketching Exercises
- 12:00 – 1:00 Lunch
- 1:00 – 2:45 Collection/Preservation of Physical Evidence (Packaging, Trace, Blood [KM and swabbing], Documentation and collection of firearms
- 2:45 – 3:00 Break
- 3:00-5:00 Collection/Preservation of Physical Evidence (Packaging, Trace, Blood [KM and swabbing], Documentation and collection of firearms Lab Exercises

Tuesday

- 8:00 – 8:15 Exam
- 8:15 – 10:00 Camera Basics and Lab Exercises
- 10:00—10:15 Break
- 10:15—12:00 Camera Basics and Lab Exercises
- 12:00—1:00 Lunch
- 1:00—3:00 Crime Scene Photography
- 3:00—3:15 Break
- 3:15—4:30 Crime Scene Photography Exercises
- 4:30 – 6:00 Dinner Break
- 6:00 – 8:00 Night shoot

Wednesday

- 8:00 – 8:15 Exam
- 8:15 – 9:30 Review of Photos w/ Class
- 9:30 – 9:45 Break
- 9:45 – 10:45 Paint
- 10:45 – 12:00 Fibers
- 12:00 – 1:00 Lunch (Review of Photos)
- 1:00 – 1:45 Fire Debris
- 1:45 – 2:30 Bloodstain Patterns (Documentation, Photography, etc.)
- 2:30 – 3:30 Bloodstain Pattern Lab Exercises
- 3:30 – 3:45 Break
- 3:45 – 5:00 Blood Enhancements and Lab Exercises

Thursday

- 8:00 – 8:15 Exam
- 8:15 – 9:30 Fingerprints
- 09:30 – 09:45 Break
- 09:45 – 10:45 Physical Development and Lifting of Fingerprints
- 10:45 – 12:00 Fingerprint Lab
- 12:00 – 1:00 Lunch
- 1:00 – 3:00 Footwear/Tire
- 3:00 – 3:15 Break
- 3:15 – 5:00 Documentation of Footwear/Tire Lab Exercises

Friday

- 8:00 – 8:15 Final Exam
- 8:15 – 12:00 Crime Scene Practical
- 12:00 – 1:00 Lunch
- 1:00 – 2:00 Crime Scene Practical Wrap-up
- 2:00 – 5:00 Crime Scene Practical Presentations and Reviews

Student Notes:

Cost for course to cover materials is \$250.00 payable to Utah Bureau of Forensic Services prior to the first day of class. If you register for both the Basic and Advanced Classes in advance you will receive a discount and can attend both classes for \$400.00.

For R.S.V.P., payment and general class information please contact Bo Smith at bosmith@utah.gov or 801-393-4549

Prerequisites:

1. Submittal of an application and materials fee.
2. A willingness to devote the entire week to the study of crime scene processing is imperative. There is very little resource for makeups, so the student should plan on being at the class for the entire week.
3. A camera (SLR) – not a point and shoot.

Max enrollment: (16)

Course Dates	Location	Time	Status
April 13-17, 2020	Utah Public Health Lab 4431 S 2700 W Salt Lake City, UT 84129	0800	Open



Crime Scene Specialist (Advanced)

Description: The Advanced Class is designed to provide the experienced investigator with new skill sets beyond the basic skills learned in the first class. This class should only be taken by those investigators that are serious and actively participating in crime scene response. It is not recommended for the occasional crime scene responder.

As in the Basic course, it is imperative that a student bring a digital SLR camera, macro lens, and laptop to this course to aid in the rapid review and verification of photographs as well as the other standard photography attachments (e.g., flash, sync cord, tripod, etc...) The class does not teach entry-level camera use. We use the Nikon D70, and while most cameras are similar, they are different, and we cannot be expected to know everything about every camera. Hence, the student should be very familiar with their camera, its settings and attachments.

Minimum Passing Grade: There are four written examinations given at the start of each class (0800) in the morning. The student must have a cumulative score of 70% or higher to pass the class and receive credit. There are multiple lab exercises that the student must complete and have instructor verification (signoff). The last day of class, on Friday, the students will assemble into four teams and each team will process a mock crime scene, demonstrating the skills that they have learned and practiced during the week.

Student Expectations: The student should plan on being very busy and adjust their work schedule to compensate for this class. To do well on the written test, each student will need to study an average of 1-2 hours each night. Optionally, the student may want to practice at night some of the skills that they learned during the day. This will help the crime scene practical go smoother and lessen student anxieties. Remember to have fun and take full advantage of this time to ask questions of these experts teaching this class and practice your newly learned techniques.

Schedule: April 27-May 1, 2020

Monday

- 8:00- 8:15 Registration/Welcome/ Introduction and course overview
- 8:15-9:45 Forensic Photography – Challenging samples
- 9:45 -10:00 Break
- 10:00 –12:00 Forensic Photography – Challenging samples
- 12:00 – 1:00 Lunch
- 1:00 – 2:45 Advanced Latent Print Issues
- 2:45-3:00 Break
- 3:00 - 5:00 Advanced Latent Print Issues

Tuesday

- 8:00 – 8:15 Exam
- 8:15 – 10:00 Firearm Basics/Safety/Shooting Scene Documentation
- 10:00—10:15 Break
- 10:15—12:00 Firearms cont... and lab exercises
- 12:00—1:00 Lunch
- 1:00—3:00 Firearms – Trajectory, Scene assessments, angle of impacts, etc.
- 3:00—3:15 Break
- 3:15—5:00 Firearms cont... and lab exercises

Wednesday

- 8:00 – 8:15 Exam
- 8:15 – 9:30 Firearms – Trajectory, Scene assessments, angle of impacts, etc.
- 9:30 – 9:45 Break
- 9:45 – 12:00 Firearms cont... and lab exercises
- 12:00 – 1:00 Lunch

- 1:00 – 2:45 Footwear/Tire Casting/Gel lifts/Electrostatic lifter
- 2:45 – 3:00 Break
- 3:15 – 5:00 Footwear/Tire Casting/Gel lifts/Electrostatic lifter

Thursday

- 8:00 – 8:15 Exam
- 8:15 – 9:45 DNA
- 9:45 – 10:00 Break
- 10:00 –12:00 Bloodstain Pattern Analysis
- 12:00 – 1:00 Lunch
- 1:00 – 3:00 Bloodstain Pattern Analysis
- 3:00 – 3:15 Break
- 3:15 – 5:00 Bloodstain Pattern Analysis

Friday

8:00- 9:00 Final Written Exam

9:00- 3:00 Mock Crime Scene with breaks and lunch

Student Notes: Cost for course to cover materials is \$250.00 payable to the Utah Bureau of Forensic Services prior to the first day of class. If you register for both the Basic and Advanced Classes in advance you will receive a discount and can attend both classes for \$400.00.

For R.S.V.P., payment and general class information please contact Bo Smith at bosmith@utah.gov or 801-393-4549

Prerequisites:

1. Submittal of an application and materials fee.
2. Selection by the POST/Crime Lab resource committee.
3. Successful completion of the CSST basic course or the Crime Lab’s crime scene academy (taught from 1995 – 2004). These requirements are essential in verifying that the crime scene investigator has been taught the basic skill sets.
4. A willingness to devote the entire week to the study of crime scene processing is imperative. There is very little resource for make ups, so the student should plan on being at the class for the entire week.
5. A camera (SLR) – not a point and shoot.

Max enrollment: (16)

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