



Alaska Scientific Crime Detection Laboratory

Crime Scene Team

Instructors: Jamie Nading (CCSI)
Melanie Wright
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Advanced Crime Scene Processing (16 hours):

This is a practical based class with multiple hands on exercises throughout the day, indoor, outdoor, and using chemicals. Please dress accordingly. Bring the camera you would use for work if possible.

Prerequisite: *Crime Scene Processing Class (8 hours) Recommended*

Required Equipment: *DSLR camera (camera with manual mode), external flash, tripod, flashlight*

Course Outline:

- Advanced Photography – (3 Hours)
 - DSLR Settings in Manual Mode
 - Aperture/F-Stop
 - Shutter Speed
 - ISO
 - Exposure/Metering
 - Freezing Motion
 - Flash Photography
 - Advantages, Disadvantages, and Limitations
 - Bounce and Fill Flash
 - Manual Focus
- Spatter Documentation – (1 Hour)
 - Recognition of Stain Shapes for Documentation Purposes
 - Use of Scales and Proper Labeling
 - Hemastix
 - Purpose and Materials
 - Quality Control
 - Procedure
- Blood Chemical Enhancement – (30 Minutes)
 - Leuco Crystal Violet (LCV) and Amido Black
 - Purpose and Materials
 - Quality Control
 - Procedure
- Alternate Light Source (ALS) Documentation – (30 Minutes)
 - Limitations and False Positives
 - Camera Settings
- Trajectory Documentation using a Laser – (30 Minutes)
 - Camera Settings
 - Procedure
- Low Light Photography – (1 Hour)
 - Using a Flash
 - Painting with Light vs. Long Exposure
- Bluestar Chemical Enhancement – (1.5 Hour)
 - Purpose and Materials
 - Quality Control
 - Procedure and Special Photography/Camera Settings
- Day 2 – Mock Scenes – (8 Hours)

Contact Madeline Gilchrist at madeline.gilchrist@alaska.gov to register, if you have any questions, or would like to have a specific topic covered. Phone: 907-269-5596. Law Enforcement given registration priority.