



# Alaska Scientific Crime Detection Laboratory

## Crime Scene Team

**Instructors:** Jamie Nading (CCSI)  
Melanie Wright  
Nikki Roth  
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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 Melanie Wright at [melanie.wright@alaska.gov](mailto:melanie.wright@alaska.gov) to register, if you have any questions, or would like to have a specific topic covered. Phone: 907-269-5686. Law Enforcement given registration priority.