



Alaska Scientific Crime Detection Laboratory

Crime Scene Course

Instructors: Jamie Nading (CCSI)
Nikki Roth
Tatiana Malnoske

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: None

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

Course Outline:

- Lab Overview & Common Mistakes –
- Advanced Photography –
 - DSLR Settings in Manual Mode
 - Basic Crime Scene Camera Settings
 - Aperture/F-Stop, Shutter Speed, ISO, Exposure/Metering
 - Freezing Motion
 - Flash Photography
 - Advantages, Disadvantages, and Limitations
 - Bounce and Fill Flash
 - Manual Focus
- Packaging Evidence and Special Considerations
- Footwear and Tire Impressions
- Latent prints
- Biological Evidence
 - Spatter Documentation –
 - Recognition of Stain Shapes for Documentation Purposes
 - Use of Scales and Proper Labeling
 - Hemastix
 - Purpose and Materials, Quality Control, Procedure
 - Blood Chemical Enhancement –
 - Leuco Crystal Violet (LCV) and Amido Black
 - Purpose and Materials, Quality Control, Procedure
 - Alternate Light Source (ALS) Documentation –
 - Limitations and False Positives
 - Camera Settings
- Trajectory Documentation using a Laser –
 - Camera Settings
 - Procedure
- Low Light Photography –
 - Using a Flash
 - Painting with Light vs. Long Exposure
- Bluestar Chemical Enhancement –
 - Purpose and Materials, Quality Control, Procedure and Special Photography/Camera Settings
- Vehicle Processing

- Day 2 – Mock Scenes

Contact Jamie Nading at jamie.nading@alaska.gov to register, if you have any questions, or would like to have a specific topic covered that is not mentioned above. Phone: 907-269-5547. Law Enforcement given registration priority.