TWO DAY FORENSIC LIGHT SOURCE & UV PHOTOGRAPHY SEMINAR

PRESENTED BY:
COLORADO FORENSIC INVESTIGATORS GROUP & SPEX FORENSICS

This seminar examines the use of wavelengths between 254nm to 1000nm(IR) in combination with the proper filters to process evidence. Anyone with a forensic light source, RUVIS, full spectrum or IR camera can benefit from attending. The class will include lecture on the theory of light and the use of longpass and bandpass filters in combination with specific wavelengths for processing.

Attendees are encouraged to bring their own light source, RUVIS, IR and or regular camera and filters, but are not required to do so.

There will be light source, RUVIS and IR equipment provided by the instructor. All hands-on will be in a group setting.

Applications Covered:

Forensic Light Source Applications: Treated fingerprint processing, hairs, fibers, bones, bruises and bite marks and GSR.
RUVIS and Reflective Longwave UV: Latent and Fumed prints detection and capture, development of latent and fumed prints on sticky side of tape, mirrored surfaces, multi-color, patterned and smooth and non-porous substrates.
Infra-Red: Counterfeit currency detection, ink differentiation, GSR, blood detection on dark and patterned surfaces.

FEBRUARY 23 – 24, 2022
8AM – 5PM
THORNTON POLICE DEPARTMENT

Registration Required

Register by emailing:

Douglas Young
doug.young@thorntonco.gov
Contact #:
(720) 977-5191

Training Location:
Thornton PD Headquarters
9551 Civic Center Dr. Thornton, CO.

Course Instructor:
Walter Hiller
Spex Forensics

Class Size Limited to 30 Participants. Please ensure approval prior to registration.

Digital Enhancement: FFT enhancement to remove repetitive and periodic backgrounds and background subtraction

Hands-On Workshops:
Proper Filter and Wavelength selection when using UV, Visible and IR wavelengths of light.

Visualization of Dye stain and fluorescent powder prints using.

Body Fluid Detection: Semen, urine, saliva, blood

RUVIS and longwave UV detection of Evidence

Basic Techniques to capture, fluorescent, latent and fumed prints

IR filter and wavelength selection and visualization of evidence in the IR

FREE TRAINING OPPORTUNITY