



FDIAI REGION 6 TRAINING



DETECT MORE EVIDENCE: EXTEND YOUR SEARCH BEYOND THE VISIBLE

JANUARY 16, 2025

8 AM-5 PM

PRESENTED BY: AMANDA SILVA
&
WALTER HILLER

FOSTER AND FREEMAN

LOCATION: Charlotte County S.O. District 3 Office
3110 Loveland Blvd. Bldg.A (the north building)
Port Charlotte, FL 33980

Please RSVP to FDIAI Region 6 Director

Cheyenne Remkes cremkes@ccsofl.net
801 745-7527

*This workshop has been approved by the IAI for 8 Crime Scene
Certification and Re-certification hours*

TOPICS COVERED INCLUDE THE VARIOUS METHODS UTILIZED IN DETECTING EVIDENCE BEYOND THE VISIBLE RANGE. AN INTRODUCTION TO LIGHT THEORY AND TECHNIQUES UTILIZING WAVELENGTHS OF LIGHT BEYOND THE VISIBLE RANGE ON NOTORIOUSLY DIFFICULT SURFACES WILL BE DISCUSSED. THIS WILL INCLUDE ULTRA-VIOLET AND INFRARED EXAMINATION TO DETECT THE PRESENCE OF BIOLOGICAL FLUIDS, GUNSHOT RESIDUE, AND FINGERPRINTS ON DIFFICULT BACKGROUNDS. NOVEL OBLIQUE LIGHTING TECHNIQUES WILL BE EXPLORED TO DETECT EVIDENCE ON RAISED SURFACES AND FOOTWEAR IMPRESSIONS. BANDPASS FILTERING TECHNIQUES WILL ALSO BE EXPLORED TO AID IN THE DETECTION OF EVIDENCE AT CRIME SCENES. ATTENDEES WILL BE INTRODUCED TO NON-VISIBLE LIGHTING TECHNIQUES AND DIGITAL CAPTURE OF FINGERPRINTS DEVELOPED USING VARIOUS TREATMENT METHODS INCLUDING CYANOACRYLATE FUMING AND IR FLUORESCENT FINGERPRINT POWDERS.

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