

Here's your chance to learn some new, old and different techniques in crime scene investigation and processing.

Gizmos & Gadgets

Presented by Dick Warrington
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Coming to your area.

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ABOUT DICK WARRINGTON

Dick Warrington has taught more than 150 classes to more than 7,000 officers since 2001, averaging one to four classes per month; teaching new, old and different techniques in crime scene investigation and processing. After serving 25 years with the Shawnee County (Kan.) Sheriff's Department, with 19 years in charge of the crime scene unit, Warrington retired in 1996. Shortly after his retirement, he joined the Lynn Peavey Co. as a crime scene consultant in research and development and as a certified instructor. He began teaching crime scene classes in 1982 and throughout the United States and Canada in 1994. Warrington holds a U.S. patent on the Blue Light Special (portable light source), developed the electrostatic dust lifting technique and published article in the International Association of Identification (IAI) Forensic Journal, developed the MicroBlue portable ALS and developed published the Death Scene Check List Manual. He has articles published in Evidence Technology Magazine and Law Enforcement Technology and columns published in Forensic Magazine and the Daily Hound. He is has also consulted on several television programs, including CSI (Las Vegas). He is a past president of the Kansas Division of the IAI, on the Board of Directors of the International Crime Scene Investigators Association and a life member of the Gold Coast Forensic Group.

GIZMOS & GADGETS 4-HOUR EXPANDED LECTURE/WORKSHOP

Time: 4 hours (*Classes may be repeated if needed.*)

Room set-up: Classroom style with table and chairs

Multimedia requirements: PowerPoint projector

Number of attendees: 40 (Attendees will be divided into groups and will rotate through the techniques.)

PART 1: GIZMOS & GADGETS

This is a two-part class. The first part of the expanded four-hour class is Gizmos & Gadgets, which gives old and new techniques for simpler and cost-effective ways to process crime scenes and evidence. During the lecture section of the class, there will be several demonstrations of processing and collection techniques from knowledge passed down from other crime scene officers and myself to new officers along with new technology. Even though techniques vary from region to region, the end result is the same. This class will bring all these varying techniques together as new and old technology techniques will be shown.

Section 1: Evidence Markers

Show and demonstrate various types of evidence markers and their use. Disk markers, small "A" frame marker, disposable markers and adhesive arrows.

Section 2: Evidence Packaging Material

Show and demonstrate various types of evidence packaging material and their use.

Section 3: Scene Accessories

Show and demonstrate various types of scene accessories and their use. Ballistic laser trajectory, Un-du adhesive remover, soil probe, thermometers, temperature probes.

Section 4: Blood Detection and Collection

Demonstrate blood collection method with DNA evidence in mind.

Section 5: Measuring Devices

Demonstrate both electronic and manual measuring devices. Magnetic rulers, electronic measuring devices, measuring tape on a roll and various standard devices

Section 6: Portable ALS

Demonstrate how the portable alternate light source is used on body fluids and fluorescent powders. Blue Light Special, MicroBlue and UltraLite ALS.

Section 7: Dust Print Lifting

Show and demonstrate various types of dust lifting techniques and their use with limited hands on application. Stun gun electrostatic lifting, Stati-Lift and the Pathfinder dust print lifter.

Section 8: Photography

Show and demonstrate various types of photographic techniques, equipment and their use. Adapter lens, dome magnifier, CD reflectors, Eagle Eye pole and tripod feet protectors

Section 9: Tool Mark Impression Material and Casting

Show and demonstrate various types of tool impression material and casting materials and their use with limited hands-on application. AccuTrans system, Mikrosil, dental stone and sulfur.

Section 10: Latent Development

Show and demonstrate various types of latent development techniques, equipment, chemical process and their use with limited hands on application. Hot Shot, Instant Shine, Poly-tape, Diff-Lift tape, Wet Print (SPR). Demonstrate both proper brush applications and use.

PART 2: HANDS-ON PROCESSING (TWO HOURS)

The second part of the class is designed to give the attendees the confidence to perform these processing techniques in the field when they leave. The attendees will have the ability to lift a developed latent fingerprint off any surface by using the techniques learned. The following techniques will be done:

- **Lifting latent prints off textured surfaces.** This technique is done using Diff-Lift Tape, which allows all the ridge detail to be lifted off the textured surface.
- **Lifting latent prints off multi-contoured surfaces.** This procedure will be done using polyethylene tape to lift the prints off multi-contoured surfaces.
- **Developing and lifting latent prints on wet surfaces while still wet.** Lifting prints off wet surfaces will be done by using Wet Print. Each attendee will develop and lift latent prints off a wet surface while the surface is still wet.
- **Developing and lifting latent prints off a feather.** Attendees will develop a latent print on a feather using a fiber brush and black powder. Then lift the latent print off the feather using standard lifting tape.
- **Developing and lifting latent prints off a paper towel.** Attendees will develop a latent print on a paper towel using a magnetic applicator and black powder. Then lift the latent print off the paper towel using Diff-Lift Tape.
- **Developing latent prints on the adhesive side of tape.** Attendees will develop a latent print on the adhesive side of tape using Goo Print Powder.
- **Lift dust latent fingerprints.** Attendees will lift a dust print off a surface using a PathFinder electrostatic dust lifter.
- **Lifting latent prints off multi-contoured textured surfaces.** Attendees will develop a latent print on a multi-contoured texture surface and lift it off using the AccuTrans system.