

Sirchie Hosted Class

Special Evidence Technician

School (80 hours)



Host: Greene County Criminal Justice Academy

Location: Greene County Criminal Justice Academy
532 Innovation Drive (Door 7)
Xenia, OH 45385

Dates: May 6-10 & May 13-17, 2024

Special Evidence Technician School (80 hr)

With the cooperation of the Greene County Criminal Justice Academy, Sirchie is offering a 2-week (80-hr) comprehensive hands-on Forensic Investigation Training at the Greene County Criminal Justice Academy, 532 Innovation Drive (Door 7), Xenia, OH 45385.

This 80-hour course covers state-of-the-art methods of identifying, recording, processing and preserving various types of evidence found at the scene of the crime. The program is geared for Hands-on use of equipment, materials and supplies necessary for a thorough and comprehensive evidence collection mission.

CURRICULUM

- **Evidence Classification:** Locard and the Crime Scene Triangle
- **Chain of Custody:** identifying, examining, and collecting physical evidence
- **Safety in Evidence Collection:** recognizing potential hazards and safeguarding against them
- **Crime Scene Management:** learning to control the crime scene and properly document evidence
- **Trace Evidence:** proper techniques for locating and collecting hairs, fibers, and gunshot residue
- **Digital Evidence:** current techniques for the collection of digital evidence
- **Tire and Footwear:** learning to locate and collect footwear and tire evidence through oblique lighting and a variety of lifting techniques including the electrostatic dustprint lifter
- **Arson Investigation** including the processing of gas containers via traditional powders, mag. powder, SPR, and "superglue"
- **Crime Scene Photography:** students will be taught from the fundamentals through advanced photography techniques and will utilize the camera to document each CSI technique throughout the course so they can experience a wide variety of photography situations
- **Sexual Assault and Biological Evidence** including Genealogy
- **Firearms Evidence** including GSR collection, trajectory, and distance determination. Emphasis will be placed on understanding (M)ass, (V)elocity, and the resulting (KE)inetic Energy produced by small arms.
- **Crime Scene Sketching and "Beyond Sketching"** with a practical exercise in utilizing the OSC360 imaging device and a comparison between 2D and 3D scanning devices
- **Latent Fingerprint Development and Classification** beginning with loops, arches, and whorls and the major types of powders via practical exercises on nearly two dozen different surfaces. Students will not only process a wide variety of surfaces by powders but they'll also process evidence with Iodine, DFO, and Ninhydrin to better understand what capabilities are possible in the field and laboratory setting
- **Skill Building in the Collection of Evidence:** this entire course will follow the "theory-plus" concept where the student will understand the science or theory behind a process followed by hands-on practical exercises that include the specific technique and the documentation of the evidence by photography
- **Mock Crime Scene Practical Exercise:** this two-week course will culminate with a practical scenario based exercise where the student will demonstrate proficiency in completing tasks taught during the course

In addition to the basic outline above students will complete the following exercises after learning the theory and science behind each technique or process:

- Electrostatic Dust Print Lifter and other lifting processes
- SirchSil and Gelatin Lifters
- "Superglue" Processing Techniques
- Traditional, Magnetic, and Fluorescent Fingerprint Processing Techniques
- Small Particle Reagent and Sticky Side of Tape Processing
- Chemical Development of Latent Prints on Porous Surfaces
- Alternate Light Sources
- DNA, Investigative Genealogy, Entomology, and Presumptive Blood Testing
- Luminol Based Products and LCV - Leucocrystal Violet: Blood Enhancement
- Serial Number Restoration

Enrollment

The cost per student is \$1195.00. All materials, supplies and equipment will be supplied by Sirchie. Students will be responsible for their own transportation and related per diem expenses.

Individuals interested in attending must register on-line with Sirchie in accordance with the instruction below no later than 5 days prior to the class.

Students can register for the class by logging onto Sirchie's website at <http://www.sirchie.com/training.html>. Off-site classes must be paid by credit card or the issuance of your departments purchase order. If you have any questions, please call Sirchie Education and Training at (800) 356-7311 or (919) 554-2244.

For more info contact:

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Area Hotel:

Hampton Inn and Suites

194 Progress Dr.

Xenia, OH 45385

