



With the cooperation of the Writers' Police Academy, SIRCHIE is offering its comprehensive "hands-on" **Crime Scene Technology – Evidence Collection Course** to interested writers and authors at its **Youngsville, North Carolina Training Facility** during the week of **July 9-13, 2012**.

This will be a Monday through Friday course that covers state-of-the-art methods of identifying, recording, collecting, processing and transporting physical evidence found at the scene of crime. The program is geared for "hands-on" use of equipment, materials and supplies necessary for a thorough and comprehensive evidence collection mission and mirrors the training SIRCHIE has conducted for over thirty years to thousands of officers from the world wide law enforcement community.



## Course Curriculum

- **Crime Scene Investigation**

The various types and categories of physical evidence are reviewed with the emphasis being placed on the proper procedures for securing the crime scene and the proper sequence for the collection of evidence.

- **Fingerprint Theory**

The fundamental principles of fingerprints are examined, including the basic concepts of ridge pattern development, identification characteristics and classification methods.

- **Latent Fingerprint Development - Powders**

The proper use of oxide, metallic and magnetic powders are discussed. Students will develop latent prints on a variety of porous and non-porous surfaces, glass and polished metals. Photographic techniques are covered along with the use of various print lifting devices such as tape, hinge lifters, and rubber lifters.

- **Latent Fingerprint Development – Chemicals & Vapors**

During this session, students will develop latent prints on various surfaces, utilizing iodine fuming, ninhydrin, DFO and silver nitrate. Chemical fixatives and removers will also be covered as well as the chemical development of latent blood prints. A second session is devoted to the development of latent prints using cyanoacrylate (superglue) fuming techniques, sticky side powder and small particle reagents. Students will also learn the latest methods of locating and photographing latents without powder or chemical processing with SIRCHIE'S KRIMESITE™ Imager.

- **Fingerprint Taking Techniques**

Students will discuss and practice various techniques for achieving superior results when taking fingerprints and palm prints.

- **Fingerprint Classification and Comparison**

Students will learn the fundamental techniques of fingerprint pattern interpretation in order to classify, search and file. The basics of comparison are reviewed.

- **Basic Photography and Crime Scene Sketching**

Various procedures for taking crime scene photographs are discussed as well as the proper techniques for constructing crime scene sketches.

- **Biological Evidence**

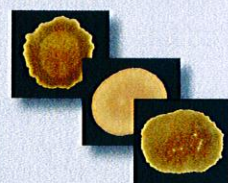
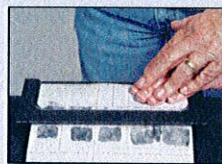
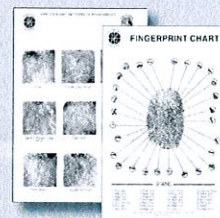
Students learn to presumptively identify biological fluids, including blood and seminal fluid, using various testing methods. Students will use chemical reagents to detect invisible traces of blood. The proper methods of collecting and handling rape and sexual assault evidence.

- **Controlled Substance Identification**

Students will work with standardized presumptive field test kits to screen the most commonly abused drugs and narcotics.

- **Theft Detection Techniques**

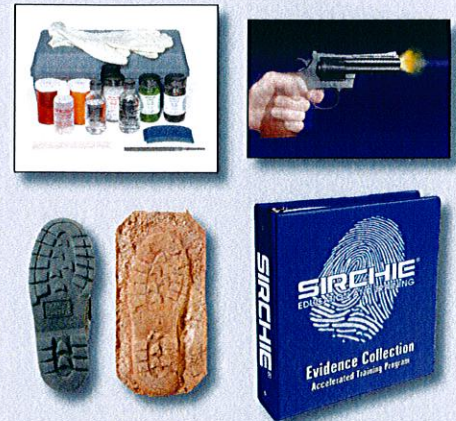
Students learn the uses of visible and invisible fluorescent powders, pastes, dyes, crayons, ink markers and other tagging devices.





## Course Curriculum

- Serial Number Restoration**  
 Working with various metallic and plastic surfaces, students will restore obliterated serial numbers. Liquid and gel reagents are used in conjunction with the electron accelerator.
- Firearms Residue Collection**  
 Students will learn the proper methods for collecting primer and gunpowder residues from the shooter's firing hand and/or clothing.
- Tire, Footprint, Tool Mark**  
 Impression evidence types and their value in criminal investigation will be reviewed. Students will have the opportunity to experience first hand the casting of footwear and tire impressions using various mediums. In addition, castings of tool marks and other impressions will be demonstrated.
- Course Review and Final Examination**  
 A comprehensive examination will be given at the end of the course, covering materials discussed and demonstrated.

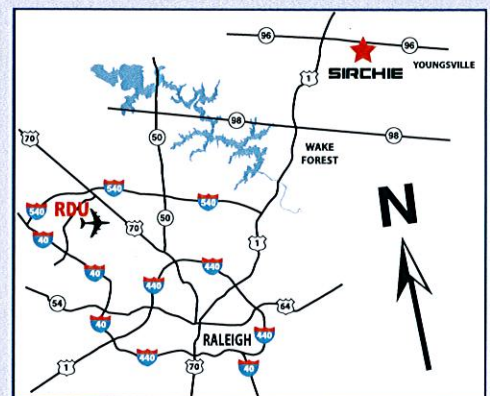


Minimum enrollment will be 20 students with a maximum enrollment of 24 students. All materials, supplies and equipment will be supplied by SIRCHIE. The cost per student will be \$600.00. Students will be responsible for their own transportation and related per diem expenses. SIRCHIE will provide each registrant with an information sheet that identifies convenient motels that offer favored rates for students attending SIRCHIE training programs.

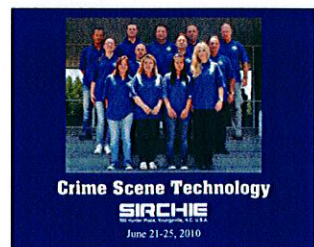
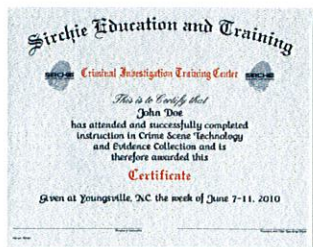
Individuals interested in attending must register on line with SIRCHIE in accordance with the instruction below no later than April 1, 2012. SIRCHIE reserves the right to cancel this class if the minimum number (20) of students has not registered by April 1, 2012.

Students can register for the Writers' Police Academy class by logging onto SIRCHIE's website at [www.sirchie.com](http://www.sirchie.com) and clicking onto the Training Menu. At the Training Menu, click on Training Programs and scroll to the bottom of the page and click to submit an on-line application. In completing the form you should list July 9-13, 2012 as your preferred date and in the information box type "Writers' Police Academy Class". Each student will be required to pay via credit card at the time of registration.

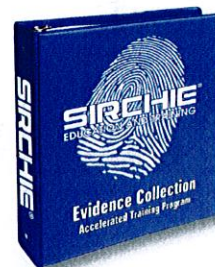
If you have any questions, please call Sirchie Education and Training at 1-800-356-7311 or Lee Lofland at [lofland32@msn.com](mailto:lofland32@msn.com)



SIRCHIE's facility is located about 45 minutes from RDU International Airport.



Upon completion of the course, students will receive a certificate and class picture.



All training materials and a crime scene technology graduate shirt will be supplied to all students.