

# **Education & Training**

With the first episode of CSI in 2000, it became one of the most popular shows on television. While it didn't always portray the realities of crime scene investigation or law enforcement, it exposed the public to the fact that crime investigation relied on science to bring criminals to justice. This phenomena of citizens being more aware and expecting more of their local law enforcement came to be known as the "CSI Effect."

In this environment, we deliver the training that you need for the various jobs you're required to do. Building from our Evidence Collection course that continues to set the industry standard, we continue to develop and introduce specialized classes including new digital device forensics, arson investigation, sexual assault/abuse investigation, and more. The focus on hands-on activities and exercises is what sets our training apart.

You will be busy during your time training here at Sirchie and when you leave, you are alumni for life. Our goal is to make sure you are prepared to Command Every Scene you encounter and we will be there for you when you have guestions back in the field.



For more information and our current schedule, please email us at <u>training@sirchie.com</u>, call us as 800.356.7311 or go to <u>www.sirchie.com/training</u> for more information.

## We can come to you: Training classes at your location

Understanding that travel budgets can be tight, we offer a shorter version of our flagship Evidence Collection class on location at host department facilities. Benefits include:

- Complete course with same hands-on experience as at Sirchie.
- Ability to conduct a closed in-house course and tailor it to your specific needs
- Build communication and interaction with other local departments through hosted trainings

## **Free Webinars with Certificates**

Since 2013, we've developed and delivered monthly free webinars about popular forensic and topical issues. Subjects have included a series of "Latent Print Basics"; "Basics of Surveillance"; "Arson and Crime Scene Photography"; "Understanding Gun Shot Residue"; and a Narcotics Investigation series on topics including Fentanyl, K2/Spice, Bath Salts, and more. Everyone who attends the live webinar receives a Certificate of Attendance, which they can place in their CV and put toward continuing education. Contact us if you would like to access our webinar library.

## **New Courses**

## Introduction to Arson Investigation

When is fire not an accident? This course aims to answer this question using the principles of NFPA 921, the guide for fire investigation, as well as elements of crime scene investigation to determine facts and if and how a fire might be an arson incident.



This course is aimed at both those beginning in fire investigation as well as those who are interested in learning more, including private investigators, law enforcement, legal representatives, and educators.

# Sexual Assault, Abuse Documentation & Photography

Documentation of assault and abuse cases in critical to later prosecution. The nature of collecting evidence and information quickly from a subject that may be



uncooperative due to fear or mistrust of law enforcement poses constant challenges with assault and abuse victims. This course will cover proper documentation, photography, and collection techniques while maintaining an atmosphere of advocacy and care for the victim. It provides guidance for doctors, nurses, and law enforcement that are not trained Sexual Assault Investigators.

## **Digital Device Forensics**

With over 9 billion wireless subscriptions worldwide as of 2016, every criminal investigation involves information that can be captured from a digital device. Understanding what information can be obtained from these devices, as well as



how to collect and preserve the information legally is critical. This course will cover various digital devices, how wireless and cellular networks operate, and how to review data and information that can be obtained from carriers, devices, and the web.

### **Evidence Collection**

Law Enforcement Professionals operate in an increasingly complex environment where budgets are tight, crime scenes are complicated, and the public expects investigations to lead quickly to justice. Knowing this, we offer our Evidence Collection Accelerated Training Program with limited class sizes, covering the scientific methods of collection, identification, evaluation, and preservation of physical evidence. Once you





complete this class, you'll have the knowledge to collect evidence effectively to be used in the court of justice.

### You should attend this class if

- Your process crime scenes
- You want to learn more about the latest tools and techniques used to process crime scenes
- You want to find as much as evidence as possible at a crime scene

## **Topics include:**

- Crime Scene Investigation
- Fingerprint Theory & Classification
- Fingerprint Development Powders
- Processing Latent Prints with Chemicals
- Crime Scene Photography
- Controlled Substances Identification
- Serial Number Restoration
- · Firearms and Ballistics
- Alternate Lights and RUVIS
- Physiological Fluids
- Digital Forensics
- Footprint, Tire, and Toolmark Impression

## Footwear Impression: Detection, Recovery, and Identification

Footwear impression evidence is typically the most overlooked evidence at crime scenes. Criminals will often wear gloves but rarely, do they remove their shoes or intentionally destroy evidence left by their shoes. Tom Adair stated in Evidence
Technology Magazine





that many European police agencies report footwear evidence is collected in over 70% of their cases but this evidence is often not collected at American crime scenes. Divided into two parts, our Footwear Impression classes give students hands-on training for processing, photographing, lifting, casting, preserving footwear impression evidence, as well as examining, comparing, and identifying this evidence. Taught by Johnny Leonard.

## Firearm and Toolmark Identification and Shooting Reconstruction

This advanced course will introduce the methods used by firearm and toolmark examiners. You'll leave this course knowing the anatomy of a firearm and how characteristics of the firearm are matched to a projectile and cartridge; analysis of tool marks through observation, casting, and comparison; and the documentation methods and techniques for shooting scenes, including projectile size determination, bullet trajectories, and distance determination. Taught by Don Mikko.





## **Comprehensive Crime Scene Photography**

Investigators and witnesses can describe scenes, sometimes in great detail. However, photographs can tell the story better with objectivity. They freeze time and leave a permanent record of the scene. Despite its advantages, photography remains the least understood and developed skillset for crime scene, arson, and other types of investigators. Failure to obtain images of evidence while at the crime scene or in a lab, will likely result in the photograph not being accepted by the court and deemed unsuitable for presentation to the jury.





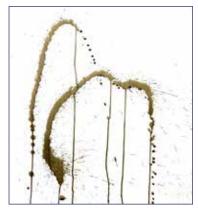
## You'll leave this class knowing:

How to take proper photographs in a variety of environments; how to present photos in judicial proceedings; and how to train other professionals to take proper photos. Taught by Dave Pauly

## **Bloodstain Pattern Documentation**

Blood shed during criminal activities can help tell the story of the crime due to the patterns left behind as blood stains. Delivered by the experts at Bevel, Gardner & Associates, Inc., this class introduces the student to the nature and value of bloodstain pattern evidence including how to recognize basic pattern types and reinforces this gained knowledge through practical exercises using the Road Mapping method of bloodstain pattern evidence documentation.





## **Latent Fingerprint Series**

The science of fingerprint identification is based on the uniqueness and permanence of friction ridge structures. Therefore, the ability of the technician to accurately classify, identify and compare fingerprints patterns is essential. In our Latent Fingerprint Classes, you will move from our introductory



course through our advanced courses of ridgeology and palm print comparison, becoming an expert in latent fingerprint comparison. It is common for students to take the entire series of courses over the course of 1-2 years. All courses are driven by practical exercises that involve real latent prints.

## Our courses are:

## The Introduction to the Science of Fingerprints

Learn the fundamental techniques of fingerprint pattern interpretation and how this information is used to accurately classify, compare, and identify fingerprints.

## **Basic Latent Fingerprint Comparison**

Emphasis in this course is placed on print orientation to improve each student's comparison skills.

## **Comprehensive Advanced Latent Print Comparison**

This was developed to help improve latent comparison competency and knowledge whether you're already a Certified Latent Print Examiner or if you're preparing to take the exam in the future.

## **Advanced Latent Ridgeology**

This course focuses on comparing difficult and complex latent finger and palm prints.

## Advanced Latent Palm Print Comparison

Many students expressed the difficulty in comparing latent palm prints. This course combines lecture and practical exercises to make this easier.

## Mastering the IAI Latent Print Exam

Examiners preparing to take the Latent Print Certification exam are often concerned with the comparison phase of the exam. We designed this class to overcome that fear.

## Forensic Symposium for Educators

Thanks to shows like CSI and Forensic Files, interest in forensic science has risen dramatically. Through a combination of lectures, exercises, and hands-on lab



work, educators will leave our Symposium armed with realworld experiences and interactive lessons they can use in their classrooms. Workshops may include: Latent Fingerprints, Crime Scene Photography, Impression and Pattern Evidence, and Biological Evidence, and more.

# Don't take it from us, hear from our Sirchie Alumni!

## **Quotes from 2016 Students**

"Yes, I would recommend. I already sent a memo to administration stating that all CSIs should take this class."

"This class is a must for all CSI. More of our department's CSI will be attending in the future."

"I believe every officer that investigates crimes scenes NEEDS this course."

**Please note:** These quotes are from course evaluations. We don't release the names of our students for their protection and the work they do.

## **How to Register**

To enroll in our classes, please call our Training Coordinator at 800.356.7311; email us at training@sirchie.com; or register online at www.sirchie.com/training.html. All cancellations made at least 10 days prior to the beginning date of class will be refundable. Cancellations made less than 10 business days prior to class are not refundable but can potentially be transferred to a future date at the discretion of Sirchie.

Upon registration, each person will be confirmed for enrollment. You can register a group via the class pages at www.sirchie.com

### How to pay

Payment can be made on at www.sirchie.com/training.html via credit card (Mastercard, Visa, American Express accepted) or via Purchase Order. Payment is due at the time of your first class.

## Who to contact

Please call 800.356.7311 or email us at training@sirchie.com if you have any questions or concerns.