

Education & Training Programs for 2020



SIRCHIE[®]
Education & Training

Introduction Letter

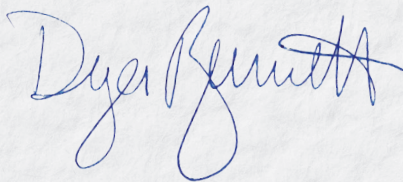
Welcome to SIRCHIE Training for 2020.

As we begin a new decade, we also begin a new era in SIRCHIE training. While we have been providing training for over 40 years, last year set a milestone for us by training over 1000 officers for the first time in our history. If you were one of the many attendees, we thank you and appreciate your attendance. For those of you that have not, we want to welcome you to our program, and tell you the great things we are doing in 2020 and beyond.

The current environment for law enforcement is tough. Scrutiny of law enforcement procedures and practices is at an all-time high. Never has it been more important to obtain basic and advanced training in critical topics in criminal investigation, requiring SIRCHIE to stay in touch with the community's needs. As we have surveyed our students, they have continued to make suggestions on ways we can improve as well as expand our training. In reflection of that, we have increased our hosted offerings, now including Blood Pattern Documentation as well as Corrections Investigation. We have also added new topics to our offering on the SIRCHIE campus. These include a week long Death Investigation Class covering the scene as well as the Medical Examiner's office, and a revised Digital Forensics offering that includes classes on Internet Intelligence to support criminal investigations, as well as Drone Forensics.

At SIRCHIE the student is more than a customer. We pride ourselves on maintaining relationships, and our instructors and staff are always available, even long after you leave the classroom. Once you attend training at SIRCHIE, you are a lifelong learner and partner. We hope you will join us in 2020, and I look forward to having you train with us.

Sincerely,



Dyer Bennett

Vice President of Product Development & Training



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Forensic Death Investigation

Course covers what processes and knowledge will provide the detective, medical examiner, and prosecutor the best opportunity to solve a death investigation. **See Page 16 for details!**



UV/IR Photography

Attendees will learn how to visualize- scan-identify-image evidence requiring the use of ALS, UV, and IR energy.

See Page 12 for details!



Hosted Classes & Free Online Training

We can come to you: Training held at your location

You can host a Sirchie Class at your location and we'll send a Certified Sirchie Instructor and everything needed to teach the same quality material and provide the same hands-on learning experience that you'd have at our Sirchie Training Facility. Hosting a class means you can have more of your agency attend training for a much lower cost. You'll save on travel, lodging and food expenses, and your team will spend less time away from home. Last year we brought 42 Courses to departments and agencies across the county through our Hosted Classes program. We offer a 4-day version of our flagship Evidence Collection class as well as other specialty courses.

Hosted Training Benefits

- Complete course in 4 days vs 5 days at Sirchie
- Receive same course material and same hands-on experience
- Tailor the course to your department's specific needs
- Save money on travel, lodging and food
- Open training up to other local departments and strengthen relationships, improve communications and build goodwill

Hosted Classes Available

- Evidence Collection and Processing (No. OST100)
- Crime Scene Photography (No. OST200)
- CSI Photography and Evidence Processing Technology (No. OST250)
- Blood Spatter Documentation (No. OST300)
- Corrections Investigation (No. OST400)



Feedback

"The instructors are awesome and really kept the students engaged. One student told me it was a great hands-on training and that the Sirchie training 'blew the State Police Training out of the water.' So far, we've hosted three classes and we're looking to do more in 2017."

—Officer Chris Bucci, Phoenixville Police Department, PA

"Overall, the classes went well and everyone thought the instructors were great. Our students all learned a lot and loved the products."

—Director Derek Mears, Salt Lake City Police Department, UT

If you're interested in hosting training, please contact us at training@sirchie.com.

Sirchie Webinars

Sirchie offers **free** educational webinars on popular forensic and topical issues, from a wide range of topics. We offer a series on **Latent Print Basics**, and individual webinars on **Basics of Surveillance, Arson and Crime Scene Photography, Understanding Gun Shot Residue** and a **Narcotics Investigation** series that covers **Fentanyl, K2/Spice, Bath Salts** and more. Everyone who views/attends a webinar/live webinar will receive a Certificate of Attendance so that you can include the course on your CV and put it toward Continuing Education hours.

To access our library of Webinars contact us today at 800.356.7311 or training@sirchie.com



Registration, Travel & Accommodations

How to Register (Three Ways)

1. Call	2. Email	3. Online
Call Patricia Hogan* at 800.356.7311	Email us at training@sirchie.com include the course/dates of interest	Register online at www.sirchie.com/training.html all our class with dates offered are online

*Patricia Hogan can also help you if you have any questions or concerns.

All **cancellations** made at least 10 business days prior to the beginning date of class will be fully refundable. Cancellations made less than 10 days prior to class are not refundable, but can potentially be transferred to a future date at the discretion of Sirchie. All classes are subject to be cancelled due to lack of minimum enrollment, in which case all tuition/fees will be refunded. Upon registration, each person will be confirmed for enrollment.

Register a Group

You can register a group for your organization by contacting Patricia Hogan at 800.356.7311.

Where to Stay

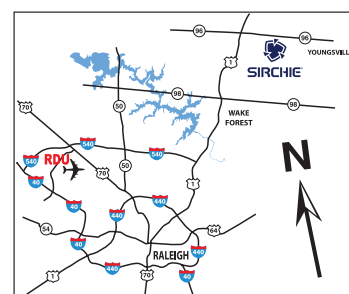
The dedicated Sirchie Training Facility is at headquarters is in Youngsville, NC, adjacent to historic Wake Forest and about 20 minutes outside Raleigh, which utilizes the RDU (Raleigh/Durham) International Airport.

We have negotiated discount rates at the hotels listed below. Contact these hotels directly at the phone numbers below to make reservations and ask for the Sirchie Corporate Rate.

Hotel	Phone	Website	Cost
	919.554.6901	www.candlewoodwf.com	Starting at \$79.99 per night
	919.556.4007	http://www.sleepinn.com/hotel-wake_forest-north_carolina-NC309	Starting at \$79.99 per night
	919.570.5550	http://www.ihg.com/holidayinnexpress/hotels/us/en/raleigh/wkfn/hoteldetail	Starting at \$90 per night
	919.554.0222	http://hamptoninn3.hilton.com/en/hotels/north-carolina/hampton-inn-raleigh-town-of-wake-forest-RDUWFHX/index.html	Starting at \$90 per night
	919.435.7056	https://www.marriott.com/event-reservations/reservation-link.mi?id=1574877081454&key=CORP&app=res	Starting at \$84 per night

Transportation

Transportation is the students responsibility from the airport and/or from the hotels. Raleigh is served by several major airlines through the RDU (Raleigh/Durham) International Airport. If you need a rental car, ask for the Sirchie Corporate Discount of 5% when making your reservation at Enterprise Rent-A-Car®.



Raleigh area map showing RDU and proximity to Sirchie's Headquarters

Sirchie Classes

Evidence Collection & Processing

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

- You 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 evidence as possible at crime scene

Topics include:

- Crime Scene Management
- Crime Scene & Evidence Photography
- Latent Print Processing – Powders
- Latent Print Processing - Chemicals
- Fingerprint Theory & Classification
- Controlled Substances Identification
- Serial Number Restoration
- Firearms, Ballistics, and Gun Shot Residue
- Alternate Lights and RUVIS
- Biological Evidence: Blood, Fluids, DNA
- Digital Forensics
- Footprint and Tire Mark Evidence

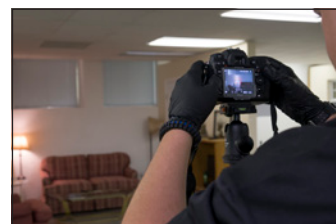
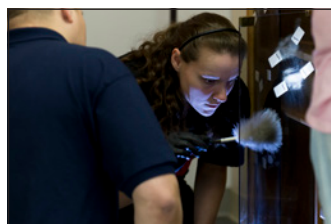
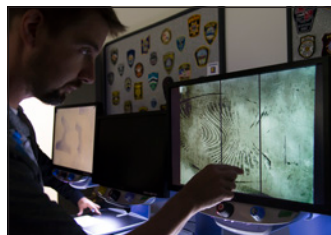
Peace Officer Standards and Training

This class has been approved for a Peace Officer Standards and Training (POST) Credit or for Continuing Police Education Credits in a number of states. Please contact us at 800.356.7311 or training@sirchie.com for more information and a complete list of participating states.

Course Fee

The Evidence Collection Course (No. CST100) is \$650.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Phase 1 Footwear Impression: Detection, Recovery & Identification

Footwear impression evidence is 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. Students will get hands-on training for processing, photographing, lifting, casting, and preservation of footwear impression evidence.

Instructor: Johnny Leonard

You will leave this class knowing:

- How to obtain known footwear standards
- How to cast 3-d footwear impressions and the processing of 2-d footwear impressions
- How to understand the wear, class, and unique characteristics of footwear impressions



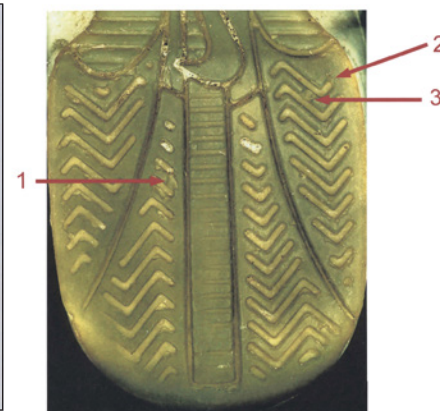
Course Fee

This Course (No. FTW100) is \$650.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.

Phase 2 Footwear Impression: Examination, Comparison, & Identification

Tom Adair stated in Evidence Technology Magazine that footwear impressions can tell us about both the criminal and the crime. He continues that we may be able to determine the make and style of the shoe and even the identity of the shoe to the exclusion of all others in the world. Students will receive hands-on training in examining, comparing and identifying footwear evidence.



Instructor: Johnny Leonard

You will leave this class knowing:

- How to apply ACE-V during footwear impressions
- How to compare questioned impressions with known standards
- Understanding SWGTREAD guidelines

Requirements: Student must have completed Sirchie's Phase 1-Footwear Impression Course, or a basic Detection, Documentation, Collection and Preservation of Track Evidence Course. Crime Scene Investigation Courses will also be accepted.

Course Fee

This Course (No. FTW200) is \$650.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.

Sirchie Classes

Bloodstain Pattern Documentation

Bloodstain Pattern Analysis is only useful if the patterns are captured and sampled properly. In conjunction with Bevel, Gardner & Associates, Inc., we're pleased to offer this class to introduce the student to the nature and value of bloodstain pattern evidence, teach how to recognize basic pattern types, and demonstrate through practical exercise the roadmapping method of documenting bloodstain pattern evidence.

Instructor: Ross Gardner

Ross M. Gardner worked for the United States Army Criminal Investigation Command (USACIDC) as a felony criminal investigator for nearly twenty years. He retired as a Command Sergeant Major and Special Agent in 1999 after serving a total of 24 years in US Army law enforcement. Subsequently, he served four years as the Chief of Police for the City of Lake City Georgia, a small suburban Atlanta police department. Currently, he is now retired and active in independent consulting.

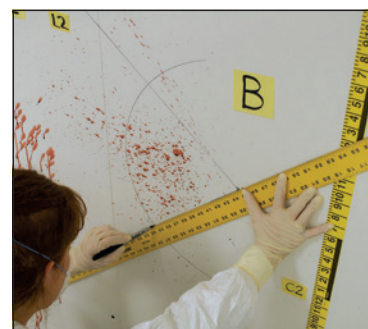
You will leave this class knowing:

- How to recognize basic bloodstain pattern types
- Familiarity, through practice, with a proven method of documenting bloodstains for future analysis

Course Fee

This course (No. BPA100) is \$545.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Effective Courtroom Testimony Preparation & Presentation for Forensic Science Practitioners

I was first introduced to the following quote while attending a footwear class presented by the Northeastern Association of Forensic Scientist in Providence, Rhode Island in October 1990. *"If the law has made you a witness, remain a man (woman) of science. You have no victim to avenge, no guilty or innocent person to convict or save – You must bear witness within the limits of science."*

It was introduced by Ernie Hamm of FDLE during his lecture and was spoken by Dr. Paul C. Brouardel who was the Chair of Forensic Medicine, Sorbonne 1897. This is a truth that every forensic scientist must be conscious of from the crime scene to the courtroom. We must ALWAYS present the TRUTH. Also, we must understand that the court system is here for that reason. This class is designed to help Forensic Science Practitioners prepare for direct questioning from the prosecutor and cross-examination by the defense attorney. It also explains the process necessary to be accepted by the court as an expert witness and once accepted how to successfully testify as a forensic expert.

—Johnny Leonard

Curriculum: How to overcome anxiety about your testimony; Understanding the Federal rules of evidence; Awareness of the Daubert Standards and its challenges to the science; Understanding how to reply to the PCAST report; Effective communication during testimony

Instructor: Johnny Leonard

Course Fee

This Course (No. LCT300) is \$350.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Firearm, Toolmark ID & Shooting Reconstruction

This advanced course will introduce the methods used by firearm and toolmark examiners. Students will examine large caliber fired bullets, such as .45 caliber; rifle and various shotshell components; large caliber cartridge cases; and types of toolmarks, including pry bars, screwdrivers, and knives. Students will learn how examiners obtain class information that may aid investigators in searching for a firearm or tool which was used in a crime, including how a fired bullet, cartridge case, or tool may be matched to a particular firearm or tool. The class will also explore the reconstruction of shooting incidents, covering range determinations, direction of fire and gunshot residue identification.

Instructor: Don Mikko

Don spent most of his career as a Special Agent in the United States Army Criminal Investigation Command (USACIDC). For over 22 years, he worked in the United States Army Crime Laboratory (USACIL) and since 1990, he has been a Forensic Firearm and Toolmark Examiner. He is certified by the Association of Firearm and Toolmark Examiners (AFTE) in all three forensic disciplines: firearms, toolmarks, and gunshot residue.

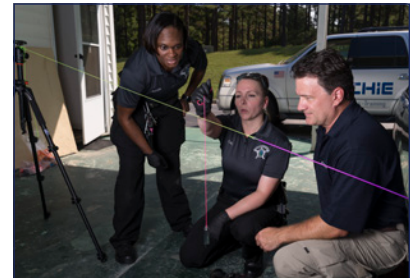
You will leave this class knowing:

- 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.
- Documentation methods and techniques for shooting scenes: including projectile size determination, bullet trajectories, and distance determination.

Course Fee

This course (No. FSR100) is \$700.00 per student, which includes tuition, study materials, and lab fees. Transportation, food, and lodging costs are the student's responsibility. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Clandestine Grave Discovery and Processing

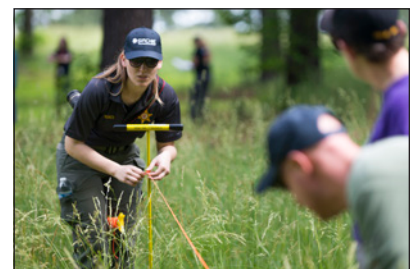
Searching for a clandestine or hidden grave can be key in a homicide or wrongful death investigation where a body has not been discovered. This course will teach the student key signs for identifying what might be a possible outdoor clandestine grave site, including visual clues, searching techniques, and tools that can be used to assist. The course will also show preparation of a possible grave site for proper forensic excavation, including site protection and initial marking / documentation.

Instructor: Bryan Brendley

Course Fee

This course (No. CGR200) is \$550.00 per student, which includes tuition, study materials, and lab fees. Transportation, food, and lodging costs are the student's responsibility. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Drone Forensics

This 5 day course is designed to take the investigator deep into the world of Drone Forensics. The use of Drones is growing rapidly and expanding to criminal enterprises and terrorist organizations. Police Corrections Facilities and deployed militaries are dealing with drones on a regular basis. Read the news today and you are likely to find an article discussing the malicious use of a Drone. Strategies and techniques to properly collect and examine these devices are not widely known, leaving investigators with the following challenges: How do you collect Drones? How do you extract data from these devices? How do you report the information? How do you prove criminal intent and associate it to an individual as opposed to the wind pushing the device off route?

Many investigators today stop after retrieving videos, then hope they have software to extract them. Drones do much more than record video, they can transport illegal payload like drugs and weapons, but also deliver munitions or act as the projectile!

This course will cover all of these questions and more and will give you the skills to Collect, Preserve, Examine, and Report (CPER) the hidden intelligence within a Drone. In addition, you will leave with the skills necessary to testify in court putting the bad guys in jail.

Instructor: Stephen Pearson

Course Fee

This Course (No. DRN200) is \$995.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion. [Go to www.sirchie.com/training](http://www.sirchie.com/training) for 2020 class dates.



Cellphone Forensics

Mobile technology is deeply embedded in society and everyday life. Mobile devices are so common; it is almost inevitable that they will be part of the crime scene or investigation. Law enforcement must recognize the value of these devices and the critical information that may be obtained from them, and understand how to recognize, extract, and preserve this key evidence.

This course will introduce law enforcement investigators to mobile device forensics. This course will cover various cellular device concepts, why forensic programs can find data on cellular media, and how that information can be retrieved and used in civil and criminal investigations. Students attending the course will be provided free open-source tools along with practice images to continue their studies after the course.

Instructor: Stephen Pearson

Course Fee

This Course (No. DFC200) is \$995.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion. [Go to www.sirchie.com/training](http://www.sirchie.com/training) for 2020 class dates.



Open Source Intelligence—Internet

Information is critical in investigations for law enforcement, media, public institutions, and government. With the growth of the internet and social media, the vast amount of information that is available about individuals, organizations, and other entities can be discovered, extracted, and consolidated to support legal activity as well as investigative reporting or documentation.

This course will review the various forms of information available on the internet. It will identify open source tools and websites that can aide in investigation and how the information can be vetted and documented. This course is open to non-law enforcement personnel.

Instructor: Stephen Pearson

Course Fee

This Course (No. DOI100) is \$995.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion. [Go to www.sirchie.com/training](http://www.sirchie.com/training) for 2020 class dates.



Sirchie Classes

Digital Forensics for Educators

The world of cyber forensics is exploding and the job opportunities for people involved in cyber forensics grow daily. Students in high school and college need to understand the need for professional cyber forensic technicians and managers. This two-day course is designed to introduce teachers and educators to a curriculum that explores digital forensics. The labs designed for the teacher/educator will allow a student to explore the world of cyber forensic investigations using established legal frameworks and scientific digital forensic discovery.

This course will cover various digital device concepts, including how data is stored and transmitted on a network, why forensic programs can find deleted data on electronic media, and how that information can be used in civil and criminal investigations. Teachers/Educators will be provided free open-source tools and the lesson plans to use the tools in a classroom training environment.

Instructor: Stephen Pearson

Course Fee

This Course (No. DFE100) is \$600.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Digital Forensics for Media

The world of cyber forensics is exploding. Technology is the fingerprint of the modern world and therefore should be understood by Law Enforcement. This five-day course introduces the law enforcement investigators to the essentials of digital forensics. This course teaches concepts of digital forensics through lecture and practical examples for criminal investigations using established legal frameworks and scientific digital forensic discovery.

This course will cover various digital device concepts, including how data is stored on fixed and removable media, why forensic programs can find deleted data on this media, and how that information can be retrieved and used in civil and criminal investigations. Students attending the course will be provided free open-source tools along with practice images to continue their studies after the course.

Instructor: Stephen Pearson

Course Fee

This Course (No. DFM100) is \$995.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Crime Scene and Evidence 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 arson and crime scene 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.

Instructor: David Pauly

David retired from The U.S. Army Criminal Investigation Command as a Special Agent-in-Charge/Commander and Forensic Science Officer. He performed duties in over a dozen states and frequently worked with local, state, and federal agencies. He holds a Master of Forensic Science degree from The George Washington University, is a 1998 graduate of the FBI National Academy, and is currently the Director of Applied Forensic Science at Methodist University in Fayetteville, N.C.

You will leave this class knowing:

- How to take proper crime scene photographs in a variety of environments
- How to present crime scene photos in judicial and administrative proceedings
- How to train other professionals in taking photographs

Course Fee

This course (No. CCP300) is \$650.00 per student, which includes tuition, study materials, and lab fees. Transportation, food, and lodging costs are the student's responsibility. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.

UV/IR Photography

This state-of-the-art course will train attendees to a competency that will allow them to properly utilize a DSLR camera in the manual mode. After learning about visible spectrum photography, attendees will also learn how to visualize- scan-identify-image evidence requiring the use of ALS, UV, and IR energy. Common types of evidence requiring the use of ALS for visualization and imaging include, semen, saliva, urine, gunshot and explosive residue, fluorescent fingerprint powders, hairs/fibers, inks, and other trace evidence. Attendees will also learn how to utilize their cell phone cameras to scan – with or without imaging - evidence for traces of blood, GSR, subcutaneous bruising, obliterated tattoos, and obliterated writing with multiple inks.

The course will open with training of basic photography principles, including the exposure triangle, an introduction, or "tour" of the DSLR camera, followed by hands-on practical exercises with visible spectrum and beyond visible spectrum cameras. Sufficient DSLR cameras, lenses, tripods, alternate light source kits, specific nanometer "barrier" filters, and props will be provided for attendees.

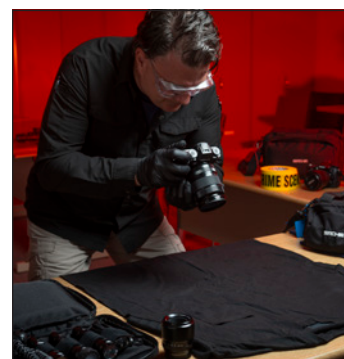
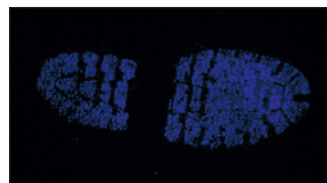
Attendees are encouraged, but not required, to bring their own/agency "normal spectrum" DSLR cameras, as well as, an "IR" camera if outfitted. Neither camera is required for attendance.

Forensic science professionals in all disciplines that are charged with imaging crime scenes, or forensic evidence, will benefit from this workshop.

Instructor: Dave Pauly

Course Fee

This Course (No. UIP200) is \$650.00 per student and it includes: tuition, study materials, and lab fees. Students will receive a certificate upon completion. Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Introduction to the Science of Fingerprints

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 and identify fingerprint patterns is essential.

The student will learn fundamental techniques of fingerprint pattern interpretation and how this information is used to accurately classify, compare, and identify fingerprints.

Instructor: Johnny Leonard

Curriculum

- Arch, Loop, and Whorl recognition and classification
- Scars and Amps recognition and classification
- NCIC classification formula
- The ACE-V methodology of fingerprint comparison and identification & its relationship to scientific method
- Inked fingerprint comparison exercises
- Glossary of Fingerprint Terms

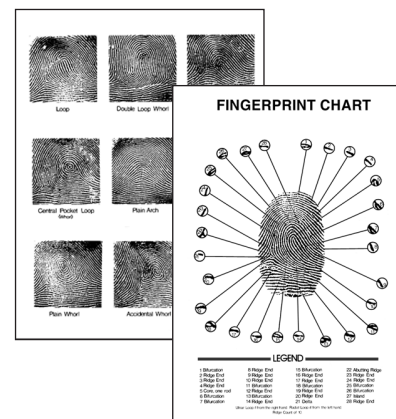
This course is taught using numerous methods of instruction combining lectures with hands on assignments, Q&A, reinforcing quizzes, and practical exercises.

Note: This course is not a latent print comparison class, and uses inked fingerprints. This training is vital for any individual who wishes to pursue a career as a fingerprint examiner and is a prerequisite for enrollment in the Latent Fingerprint classes.

Course Fee

The tuition fee for the Introduction to the Science of Fingerprints course (No. CFC100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Basic Latent Fingerprint Comparison

Combining lecture and latent print practical exercises, the emphasis in this course is placed on print orientation to improve each student's comparison skills. Exercises are designed to provide the student with real life case work training experience.

Minimum Requirement: Each student must have attended and completed Introduction to the Science of Fingerprints Course to be accepted in this course.

Instructor: Johnny Leonard

Curriculum

- The ACE-V methodology of fingerprint comparison and identification & its relationship to scientific method
- Level 1, level 2, and level 3 detail in latent print comparisons
- Latent print orientation and comparison search clues
- Fingerprint pattern interpretation and their uses in the comparison of latent fingerprints
- Palm print orientation and palm print search clues in latent print comparisons
- Daubert and post Brandon Mayfield issues

Course Fee

The tuition fee for the Basic Latent Fingerprint Comparison course (No. LFC100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Comprehensive Advanced Latent Print Comparison

How proficient are your individual comparison skills as pertaining to latent print casework? Are erroneous exclusions a problem in your skill set? If you are a manager, are erroneous exclusions a problem in your latent print work unit? This class was developed to help improve latent comparison competency and knowledge whether you are already a Certified Latent Print Examiner or if you are preparing to take the exam in the near future. A broad and exhaustive level of complex latent print exercises were carefully compiled to improve the level of expertise for examiners. You will not find another class like this one anywhere.

Minimum Requirement: Each student must have at least one year of Latent print experience to be accepted in this course.

Instructor: Johnny Leonard

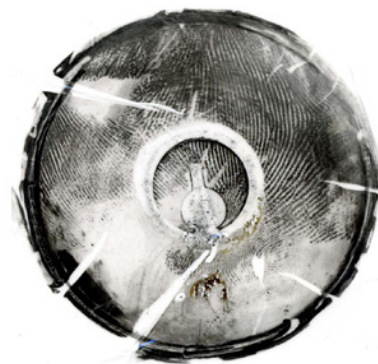
Curriculum

- Reducing erroneous exclusions in casework
- Maximizing accurate latent comparison skills
- Developing confidence in your comparison decisions
- Real life casework type comparison exercises

Course Fee

The tuition fee for the Comprehensive Advanced Latent Print Comparison course (No. CLP100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Advanced Latent Ridgeology

Combining lecture and latent print practical exercises, emphasis is placed on comparison techniques for comparing difficult and complex latent finger and palm prints. Exercises are designed to provide the student with real life case work training experience.

Minimum Requirement: Each student must have attended and completed a Basic Latent Fingerprint Comparison Course to be accepted in this course.

Instructor: Johnny Leonard

Curriculum

- The ACE-V methodology of fingerprint comparison and identification & its relationship to scientific method
- Level 1, level 2, and level 3 detail in latent print comparisons
- Latent print orientation and comparison search clues
- Fingerprint pattern interpretation and their uses in the comparison of latent fingerprints
- Palm print orientation and palm print search clues in latent print comparisons
- The analysis of distorted and complex latent prints
- Daubert and post Brandon Mayfield issues

Course Fee

The tuition fee for the Advanced Latent Ridgeology course (No. AFP100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Advanced Latent Palm Print Comparison

Many students have expressed the difficulty in comparing latent palm prints and asked for a course that addresses this and simulates routine case work type training. This course was developed to meet these needs through combining lecture and latent print practical exercises.

Minimum Requirement: Each student must have attended and completed a Basic Latent Fingerprint Comparison Course to be accepted in this course.

Instructor: Johnny Leonard

Curriculum

- The ACE-V methodology of fingerprint comparison and identification & its relationship to scientific method
- Palm print topography and its use in comparisons
- Palm print points of direction, areas, and zones
- Major and Minor Flexion Creases
- Palm print orientation and palm print search clues in latent print comparisons

Course Fee

The tuition fee for the Advanced Latent Palm Print Comparison course (No. PPC100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Mastering the IAI Latent Print Exam

Examiners who are preparing to take the Latent Print Certification exam are often concerned with the comparison phase of the exam. Their concerns center on running out of time and not completing the necessary 12 identifications in the allotted 8 hours. This class is offered to help latent examiners overcome this fear.

Emphasis is placed on recognizing valuable search clues when comparing latent finger and palm prints.

Valuable tips are shared to help improve time management skills during the exam. Numerous timed exercises containing latent prints similar in difficulty to the IAI exam are administered and evaluated.

Additional information is provided to aid students during the pattern recognition and written portions of the exam.

Minimum Requirement: Each student must have at least one year of Latent print experience to be accepted in this course.

Instructor: Johnny Leonard

Curriculum

- How to overcome anxiety about the test
- Time management skills that work
- How to maximize your comparison skills
- Learning to work smarter and not harder

Course Fee

The tuition fee for the Mastering the IAI Exam course (No. MCP100) is \$650.00 per student which includes study materials. If you have one, please bring your magnifier to class. If you don't, one will be provided to you for class use. Students will receive a certificate upon completion.

Go to www.sirchie.com/training for 2020 class dates.



Sirchie Classes

Forensics 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 real-world experiences and interactive lessons they can use in their classrooms. Lectures and activities are formatted so what is learned can be conducted by the educator as a laboratory or individual class lesson.

Instructors:

Heather Hanna, David Alford, Dave Pauly, Dyer Bennett, Jim Gocke

Topics and activities will include:

Each session will be a full day (8 hours) comprising an entire lesson plan. The session will include an informational lecture on background and science of the topic, a review of the lab/practical exercise, and a review of teacher and student roles. Each attendee will execute both the teacher and student activities and have time to review and ask questions during the sessions. Each session will be accompanied by a fully documented lesson plan.

- Forensic Geology/Mapping
- Latent Fingerprint Development
- Shooting Reconstruction

On Day 3 additional forensic lecture topics will be presented and attendees can choose to attend 2 of the 3.

Course Fee

The tuition fee for the Forensic Symposium for Educators (No. ESF100) is \$300.00 per student.

Go to www.sirchie.com/training for 2020 class dates.



Forensic Death Investigation: *from Scene to Autopsy*

When an equivocal (questionable) - or unattended death occurs, what steps must be taken to properly and unequivocally determine a Manner and Cause of death? To what level should the relationship between detective/CSI and medical examiner be developed? What processes and knowledge will provide the detective, medical examiner, and prosecutor the best opportunity to resolve or solve a death investigation?

Of the 2.4 million deaths annually in the United States, 20% require investigation by a coroner or Medical Examiner. This course provides the necessary knowledge to assist in resolving even the most complex death investigations. Attendees are exposed to the various manners of death, what evidence is key to both the investigation at the scene as well as to the Medical Examiner, and how the Medical Examiner's / Coroner's office, detectives, CSI, and other law enforcement personnel can work together to resolve these cases. Attendees are exposed to fundamental concepts reinforced through case studies and practical hands-on activities.

With over 240,000 unsolved murder cases sitting idle as cold cases across the United States, this course is a must-have for all detectives, prosecutors, medical examiners, and crime scene personnel, who strive to avoid adding another unresolved investigation to the cold case pile.

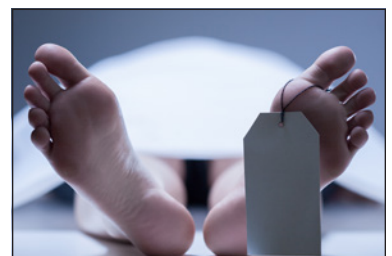
Instructors:

Tom McAndrew and Charles F. Siebert, Jr. M.D.

Course Fee

The tuition fee for the Forensic Death Investigation class (No. FDI100) is \$650.00 per student.

Go to www.sirchie.com/training for 2020 class dates.



Student Testimonials

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

"This course was better than my six week NJSP C.S. Certification course." – August 2016

"Yes, I would recommend. I already sent a memo to administration stating that all CSIs should take this class." – August 2016

"This class is a must for all CSI. More of our department's CSI will be attending in the future." – May 2016

"I believe every officer that investigates crime scenes NEEDS this course." – March 2016

"I would highly recommend this course: Every law enforcement agency should know forensics and evidence collection." – April 2016

"Awesome class! Don't change anything. I learned better with hands-on and practicing than memorizing and studying." – August 2016

"This class should be taught to all LEOs" – April 2016

"Great atmosphere, Great instructors, Great Products for LEOs." – August 2016

"This class is extremely thorough. Great instructors and hands-on experience" – May 2016

"Would definitely recommend. The courses, facilities, and products are top notch." – August 2016

"This course has set a new standard for me on how training should be conducted. The hands-on exercises are how things should be taught." – May 2016

"The life experiences of these instructors is absolutely outstanding" – May 2016

"I would tell other law enforcement officers that the course is a must" – May 2016

"Instructors have a wealth of knowledge and passion in their specialties, which makes it easier to understand." – August 2016

"Awesome class. Hands-on is a great way to put into practice what was taught." – August 2016

"Absolutely I would recommend this class! It was highly recommended to me and I found it very informative." – August 2016

"Amazing class! Instructors were incredible." – March 2016

"I feel more confident after the training" – April 2017, Evidence Collection

"Great class and the instructors were some of the best I've ever had." – June 2017, Evidence Collection

"I learned more than in my Evidence Technician Certification class." – June 2017, Evidence Collection

"Had a great time at this class and hope to return again for more classes." – November 2017, Evidence Collection

"This course is beneficial to processing evidence at crime scenes, particularly small departments that don't have dedicated crime scene personnel." – June 2017, Evidence Collection

"There's a lot of methods and products available that most officers and departments are not aware of. This course presents those methods and gives you a basic understanding of how to do them" – June 2017, Evidence Collection

"Good course for beginners as well as veteran CSI officers." – June 2017, Evidence Collection

"More departments need this information to do the job better." – April 2017, Evidence Collection

"Hands-on is the best way to learn and it is not death by powerpoint." – April 2017, Evidence Collection

"Yes, I would recommend this course. After 7 years of investigating, I learned many things I never knew." – April 2017, Evidence Collection

"Great instructors, well-prepared, kept class engaged and very knowledgeable." – July 2017, Evidence Collection

Please note: These quotes are from course evaluations, but we do not release the names of our students for their protection and the work they do.

Sirchie Instructors

Sirchie instructors have decades of experience in law enforcement, criminal investigation, forensic science, and education. This experience at the local, state and federal levels gives them not only insight into proper methods of evidence collection and preservation, but experience with specific cases in which the physical evidence collected led to the conviction of suspects.

James Gocke

Jim Gocke holds a Fellowship in Forensic Medicine at the Armed Forces Institute of Pathology and a Master of Forensic Sciences from The George Washington University, in addition to a Juris Doctorate from West Virginia College of Law. He served as Vice President/General Counsel and Director of Education and Training at Sirchie from 1979 to 2015. He now serves as an Independent Contractor for Sirchie.



Dyer Bennett

As VP of Product Development & Training at Sirchie, Dyer works with industry experts to develop and update the latest in forensic product technology. His broad technical knowledge covers many forensic disciplines, including latent print development, digital forensics, shooting reconstruction, and alternate light sources. He brings a unique perspective to training with intimate knowledge of how the forensic tools are made and how they work.



Johnny Leonard

Johnny Leonard is a retired Deputy Director of the City-County Bureau of Identification in Raleigh, NC and is both an I.A.I. Certified Latent Print Examiner and Footwear Examiner. He has also worked for the FBI and the NC State Bureau of Investigation. He has been a latent fingerprint examiner for the past 30 years and has over 40 years of fingerprint experience. He has been a fingerprint instructor for the past 33 years and has trained hundreds of students in the science of fingerprints.



Andy Parker

Currently, Andy is the Deputy Director of the City-County Bureau of Identification (CCBI) in Raleigh, N.C. Since 2002, he managed the Laboratory Division, the Identification Division, and served as a Latent Print Section Supervisor and Examiner for the CCBI. Prior to moving to Raleigh, Andy was a Crime Scene Investigator for the Tallahassee Police Department after serving seven years as a Law Enforcement Officer with the Florida Department of Law Enforcement. Andy is also a graduate of the FBI's National Academy.



Bryan Brendley

Bryan Brendley is a faculty member in the Forensic Biology program at Guilford College and chair of the Biology Department. Prior to coming to North Carolina he served as a sworn state conservation officer in Pennsylvania. Bryan teaches classes on Forensic Anthropology, Forensic Cell Biology/Histology, Cold Case Analysis, bloodstain patterns, ballistic trauma, and drowning investigations. He regularly guest lectures at both Campbell University School of Law on expert testimony and at Elon University School of Law on Crime Scene Analysis. He graduated from the College of William and Mary with degrees in biology and history, and holds an earned doctorate from The Pennsylvania State University. He is a member of the AAFS, NCIAl and the NCHIA. Bryan also has "served" as a US Navy spouse for over 21 years and volunteers his time regularly at the High Point Police Crime Lab.



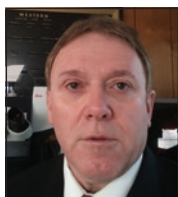
David Pauly

David retired from The U.S. Army Criminal Investigation Command as a Special Agent-in-Charge/Commander and Forensic Science Officer. He performed duties in over a dozen states and frequently worked with local, state, and federal agencies. He holds a Master of Forensic Science degree from The George Washington University, is a 1998 graduate of the FBI National Academy, and is currently the Director of Applied Forensic Science at Methodist University in Fayetteville, N.C.



Don Mikko

Don spent most of his career as a Special Agent in the United States Army Criminal Investigation Command (USACIDC). For over 22 years, he worked in the United States Army Crime Laboratory (USACIL) and since 1990, he has been a Forensic Firearm and Toolmark Examiner. He is certified by the Association of Firearm and Toolmark Examiners (AFTE) in all three forensic disciplines: firearms, toolmarks, and gunshot residue.



David Alford

David Alford is a retired FBI Special Agent with over 20 years of experience and served as one of the founded members of the FBI Evidence Response Team (ERT). He has investigated domestic and international violent crimes and bombings, including the Polly Klaas kidnapping and murder, the Unabomber's cabin and the 9/11 Pentagon scene. In the six years before the FBI, he was a Forensic Serologist, Hair and Fibers Examiner and Bloodstain Pattern Analyst for the Kentucky State Police Crime Lab.



Sirchie Instructors

Ross M. Gardner, MA

Ross M. Gardner worked for the United States Army Criminal Investigation Command (USACIDC) as a felony criminal investigator for nearly twenty years. He retired as a Command Sergeant Major and Special Agent in 1999 after serving a total of 24 years in US Army law enforcement. Subsequently, he served four years as the Chief of Police for the City of Lake City Georgia, a small suburban Atlanta police department. Currently, he is now retired and active in independent consulting.



Matt Baldwin

For over 20 years, Matt has worked in law enforcement with 18 years spent with the Biddeford Police Department in Maine. Since 2002, he's been a Crime Scene and Evidence Technician and has been an Instructor in the field for over 10 years. Matt enjoys training smaller departments to emphasize the importance that with the proper tools, techniques and training, rural departments can still accomplish as much as larger, more equipped agencies.



Tom McAndrew

Thomas McAndrew is a Homicide Detective with the Lehigh County District Attorney's Office, a position he has held since 2018. He formerly served with the Pennsylvania State Police for 26 years, retiring as a Corporal in the Criminal Investigation Assessment Unit. During his tenure in law enforcement, he has over 25 years of homicide investigation experience.



McAndrew has lectured on various aspects of homicide and death investigation at venues across the United States. He received his Master's Degree in Investigative Forensics and Bachelor's Degree in Criminal Justice from Desales University.

Charles F. Siebert Jr., M.D.

Dr. Siebert is currently President of CFS Forensic Services and serves as an Assistant Medical Examiner for Gloucester, Salem, Camden, Ocean and Burlington Counties of New Jersey. He has previously held positions as the Assistant State Medical Examiner of New Jersey and Regional Medical Examiner of the Southern Regional Medical Examiner Office, Woodbine, New Jersey. Prior to these, he was Chief Medical Examiner in District 14, Panama City FL (2003-2007) and held various roles as Associate and Deputy Chief Medical examiner in the State of Florida.



Dr. Siebert received his B.S. in Biopsychology from William Paterson College and his M.D. from University of Medicine and Dentistry of New Jersey (UMDNJ). He completed his residency in Anatomic Pathology at the UMDNJ and St. Barnabas Medical Center.

Curt Clark

Mr. Clark is a veteran of the US Army Reserve where he served as a Military Police Officer, a former Patrol Officer and CSI with Bowling Green (KY) PD, and a current CSI with Scottsville (KY) PD. Mr. Clark has completed advanced training in Crime Scene Photography, Shooting Reconstruction, and Evidence and Property Management. He has conducted training at Bowling Green PD as well as with his current and surrounding departments in Kentucky.



Dave MacNeil

Dave is currently a Detective for the Watertown (MA) Police Department, with responsibilities for investigating major crimes, managing the day-to-day operations of the crime lab, and serving as the department's photographer. With over 30 years of experience in law enforcement and a graduate of the FBI Academy, he also instructs crime scene investigation at the local, state, and federal level, including the U.S. DOJ Law Enforcement Training, the National Forensic Academy, and Boston University's School of Forensic Science.



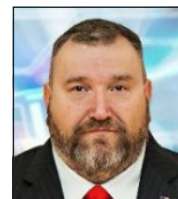
Doug Young

For over 23 years, Doug has served as Crime Scene Investigator for the Thorton Police Department (CO), gaining extensive experience in Crime Scene Examination and Reconstruction, Latent Print Processing and Comparison, and Shooting Reconstruction. Doug is certified as a crime scene investigator through the International Association for Identification and serves as a member of the crime scene certification board for the Rocky Mountain Division of the IAI.



Stephen Pearson

Stephen Pearson combines more than 29 years of law-enforcement experience with in-depth expertise in today's most pervasive Internet, computer, and digital device technologies. Stephen developed computer forensic tools and coursework for the US Army Military Police School, as well as served as a computer investigator with Pulaski County Sheriff's Office (FL). As a founder of High Tech Crime Institute, he has developed and conducted courses for NATO, the Federal Government, and various law enforcement agencies. Stephen holds B.S. in Computer Information Science as well as an MBA. He is also a Microsoft Certified Systems Engineer, an US Army Master Instructor, and a certified Cellebrite Trainer, in addition to holding various other certifications for digital investigation.





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