

Calendar of Events

August 15, 2022
- August 19, 2022

Shooting Reconstruction

Forensic Pieces, Inc.

4400 Bayou Boulevard

Pensacola, FL 32503

08:00 AM - 05:00 PM CST

Crystal Merrell, 850-332-0141

info@forensicpieces.com

This comprehensive five-day course is designed for crime scene investigators, detectives, crime laboratory analysts and others in the field of forensic science that have the basic training and skills for shooting crime scene examinations. This course will assist law enforcement officers in connecting all of the forensic pieces for the purpose of shooting crime scene reconstruction. A crime scene is a huge puzzle, and piece by piece we compile the physical evidence in each case; the more difficult job is trying to connect those pieces to obtain the big picture, the shooting crime scene reconstruction. This course will also assist in the documentation of physical evidence at the scene which previously might not have been recorded. The attendees will learn by using string, dowel rods, scientific calculators, and/or lasers about the flight path of the projectile from the moment it leaves a firearm muzzle to the moment it strikes the final target and is recovered. Also, students will examine the firearm residue for estimated distance determination from the position of the shooter to the victim and/or final target. Mock scenes for this course were designed to assist the student in the importance of scene documentation, and to obtain the maximum, accurate information for ultimate shooting crime scene reconstruction.

August 15, 2022
- August 16, 2022

Forensic Bloodstains: Enhancement and Documentation

IPTM-Jacksonville

12000 Alumni Drive

Jacksonville, FL 32224

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

This course will provide you with in-depth instruction on the correct procedures for processing blood evidence at a crime scene or in a lab. You will gain an understanding of basic bloodstain patterns encountered at crime scenes, how to properly document those patterns, and how to utilize various chemical enhancement techniques. You will learn methods to evaluate a crime scene to determine the type of crime that has been committed and the physical parameters of the area of involvement. We will show you how to properly locate, document, collect, and preserve the physical evidence at the scene. You will also be introduced to networks and databases that can assist you in the investigative process.

Exercises will reinforce the classroom discussions to enhance your understanding of the basic principles of bloodstain pattern analysis, enhancement techniques, including chemical and alternate light sources, and proper documentation and collection.

Topics Include

Crime scene analysis

Overview of bloodstain principles

Recognition of bloodstain patterns

Presumptive tests for blood

Blood chemical enhancement techniques

Photography documentation

August 22, 2022
- August 26, 2022

Forensic Field Training Officer

Orlando Police Department

100 George DeSalvia Way

Orlando, FL 32807

08:00 AM - 05:00 PM EST

Gap Science LLC, 407-538-0104

info@gapscience.com

This 40-hour course is designed to provide new field training officers with the knowledge, skills and abilities to train and evaluate a new forensic trainee utilizing interactive lectures and hands-on activities.

Many organizations often appoint individuals as trainers for forensic field training programs with little to no preparation. Although Field Training Officer Programs exist, most of these courses are loosely applicable to forensic units and/or restricted to sworn personnel.

This course is designed to fill the need for Field Training Officer programs tailored to forensic disciplines. This course will help you more effectively teach complex material to trainees, properly document procedures and events, and develop a structured training program.

August 22, 2022
- August 25, 2022

2022 High Profile Murder Case Symposium
City of Doral Police Training Center
3719 NW 97 Avenue
Doral, FL 33178

08:00 AM - 05:00 PM EST

Daniel Garcia , 305-715-5000

miamidadespecializedtraining@mdpd.com

Learn the innermost details, firsthand, from the detectives who investigated globally recognized, high profile murder cases. These detectives will provide the intricate dynamics, evidence, and specific details to their cases, which made them domestic and international headlines, for years to come. This 4-day symposium will present multiple cases which deeply resonated through their communities and shocked the world! The high profile cases to be presented are "John Wayne Gacy", "Green River Killer", "Night Stalker", "Aileen Wuornos", "Casey Anthony" and "Chris Watts", as seen in various NETFLIX documentaries and docu-dramas.

August 29, 2022
- September 2, 2022

IAI Latent Print Certification Test Preparation
Seminole County Sheriff's Office
100 Eslinger Way
Sanford, FL 32773

08:00 AM - 05:00 PM EST

Heather White, 4076656781

HeatherWhite@seminolesheriff.org

This course is designed for those experienced examiners who are eligible, or who will be eligible in the near future to take the IAI Latent Print Certification Test and want to identify their readiness for the examination.

This class will consist of "timed drills" so that the student can learn how to work in a "timed" environment and to assist them in evaluating their strengths and weaknesses in the various areas of the friction ridge science which will be represented on the actual test. Near the end of the week, the student will take an 8 hours practice examination representative of the actual IAI certification test, including written questions, pattern interpretations, and latent print comparisons.

After the practice examination has been scored and reviewed by the instructors, a general critique of the class results will be conducted and a personal evaluation of the student's strengths and weaknesses will be provided in preparation for the actual test.

Students will receive instruction on:

- Review of "searching smart" skills*
- Review of "palm print orientation/location"*
- Drills for speed*
- Overview of IAI Latent Print Certification Program*
- Review of historical data as it relates to fingerprints*
- Mock IAI Certification Exam*

August 29, 2022
- September 2, 2022

Basic to Intermediate Fingerprint Comparison Techniques

Forensic Pieces, Inc.

4400 Bayou Boulevard

Pensacola, FL 32503

08:00 AM - 05:00 PM CST

Crystal Merrell, 850-332-0141

info@forensicpieces.com

This 5-day, 40-hour course provides in depth information on what friction ridge skin is, the history of discoveries made in the comparison of friction ridge skin, comparison methodologies, beginner and intermediate comparison concepts, and important terminology used in the ridgeology science. This course also discusses court testimony on latent print comparisons, early and famous court cases involving latent print examinations, along with practical exercises designed to reinforce the material and techniques presented. The exercises build the beginner examiner's skills and reinforce the intermediate examiner's skills through the course from looking for differences and tenprint comparisons to basic comparison techniques for latent finger and palm prints as well as orientation of friction ridge detail and enhancing difficult prints. This class is ideal for beginner tenprint and latent print examiners who are just starting out in the field or those examiners who want a refresher on the basics and some intermediate level comparisons. This course will provide the student with knowledge of the history behind the ridgeology science and a good introduction to comparing friction ridge skin. Lectures combined with a wide range of practical exercises designed to provide knowledge of the fundamentals supporting ridgeology science, basic to intermediate comparison techniques, and court testimony will be presented throughout this course.

This course has been approved for 40 hours of training credit towards certification/recertification by the IAI Latent Print Certification Board and the Tenprint Fingerprint Certification Board.

August 30, 2022

Shooting Incident Reconstruction Utilizing FARO Zone 3D Analysis

Pinellas County Sheriff's Office

4801 145th Ave N.

Clearwater, FL 33762

08:30 AM - 04:00 PM EST

Amber Camacho , 727-580-3275

acamacho@pcsonet.com

***Free Training** Shooting Incident Reconstruction Utilizing FARO Zone 3D Analysis
3D technology provides a unique opportunity for the crime scene investigator to analyze bullet impacts after leaving the crime scene. Through trajectory analysis, questions can be answered regarding where the shooter was positioned when the gun was fired, and other investigative questions relating to the bullet's flight path long after the scene was processed. This workshop will provide attendees with the opportunity to use 3D software to document bullet trajectory using a laser scanner and to perform an area of convergence analysis utilizing the FARO Zone 3D software. If you have a laser scanner or laptop with FARO Zone, please bring it to the workshop. A limited number of computers will be available.*

September 20, 2022

***Free Training* Forensic Chemical Validation: Merbromin**

Sarasota County Sheriff's Office

6010 Cattleridge Blvd.

Sarasota, FL 34232

08:00 AM - 05:00 PM EST

Crime Scene Manager Candace Matthews, 9418614197

candace.matthews@sarasotasheriff.org

Join us for a unique opportunity! This hands-on course will provide you the opportunity to complete your own chemical validation on the blood enhancement chemical Merbromin. Once the course is complete, you will have the knowledge, skills, and abilities to return to your agency prepared to put this chemical into use. You will also be able to complete future validations for use with other chemicals to allow more chemicals in your lab. This course will cover the following:

Classroom:

Validation study types

The importance of validation studies for your lab

Validation studies as part of accreditation

What is Merbromin?

Lab Part 1:

Photo & ALS for use with Merbromin

Chemical demo

Prepare your own samples for photo

Lab Part 2:

Examination and photos for your validation study in the lab and ALS/Photo area

Complete your study:

Prepare your study from a variety of templates using your own firsthand knowledge and photos

Class limited to 12 students. Must be FDIAl members active as CSIs or Latent Print Examiners that work with latent print development at a law enforcement agency.

September 22, 2022
- September 23, 2022

Property and Evidence Room Management

Altamonte Springs Police Department

2nd Floor Training Room

Altamonte Springs, FL 32701

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

From the time evidence is collected, through the presentation of evidence in the courtroom, to the final disposition and disposal, this course will provide you with all the information you need to maintain the security and integrity of your department's property and evidence. You will learn how to properly document, inventory, control, dispose of and purge property and evidence of all types.

Lectures will focus on the physical security of the property/evidence room as well as the legal issues pertaining to the operation of such facilities. OSHA requirements and regulations will be discussed and storage solutions for the evidence room will be explored. You will learn about the special considerations surrounding hazardous, bio-hazardous, and other special risk items as well as preferred procedures for packaging the evidence for storage and submission for testing.

Topics Include

Physical security of property and evidence rooms

Policies and procedures relating to the evidence function

Legal issues pertaining to the operation of evidence facilities

Evidence packaging for storage and submission for testing

Evidence integrity

Computerization of property and evidence rooms

Narcotics destruction - burn procedures and certification

Bio-hazardous evidence storage and destruction

OSHA requirements and regulations

Personal safety issues

Storage solutions

September 26, 2022
- September 28, 2022

Advanced Bloodstain Pattern Analysis
IPTM-Jacksonville/University of North Florida
12000 Alumni Drive
Jacksonville, FL 32224

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

This advanced course will take you beyond the blood basics and increase your knowledge and skills in bloodstain pattern analysis. We will also take an in-depth look at the judicial process for becoming qualified to give effective witness testimony. "Hands-on" experience with actual bloodstain patterns and advanced chemical processing techniques will help strengthen your recognition and analytical abilities and enhance your knowledge of various applications.

We will analyze case studies to teach you how to prepare and document your findings and a moot court exercise will give you an opportunity to testify about your conclusions. We will also examine the Daubert Decision and other expert witness issues that may impact your testimony. This course will help law enforcement and civilian investigators present their opinions involving bloodstain patterns in a courtroom setting with confidence, while meeting the minimal requirements for expert testimony.

Topics Include

Pattern identification

Case studies

Preparing experiments for confirmation of findings

Preparing exhibits for the courtroom

Moot courtroom testimony

October 19, 2022
- October 21, 2022

Staged Crime Scene Investigations
SEACREST TRAINING FACILITY
2350 SEACREST BOULEVARD
Delray Beach, FL 33444

08:00 AM - 05:00 PM EST
Amy, (954) 816 ? 2443

Thomson

Any deliberate effort made by an offender before police arrive to alter the pristine condition of a crime scene to purposely thwart the investigation and frustrate the overall criminal justice process is the essence of crime scene staging. Crime scene staging could be increasing due to public fascination with crime scene related media, enhanced awareness of forensic science application, and/or offenders' belief in their understanding of how crime scenes should look. This comprehensive, 24-hour course is designed for crime scene investigators, detectives, crime laboratory analysts, and other forensic professionals involved in crime scene examination related work. This course explores what is known about crime scene staging and instructs students on how to use a new methodology for the early detection and analysis of potentially staged crime scenes. This course also integrates critical documentation techniques used to create a permanent record of bloodstain pattern evidence and/or firearms-related incident evidence for the purpose of a comprehensive, multi-disciplinary crime scene reconstruction towards supporting or refuting claims made by a would-be crime scene stager.

October 24, 2022
- October 28, 2022

Advanced Shooting Reconstruction
Forensic Pieces, Inc.
4400 Bayou Boulevard
Pensacola, FL 32503

08:00 AM - 05:00 PM CST
Crystal Merrell, 850-332-0141
info@forensicpieces.com

This advanced five day, 40-hour course is designed for crime scene investigators, detectives, crime laboratory analysts and others in the field of forensic science that have the basic training and skills for shooting crime scene examinations. This course will assist law enforcement officers in connecting all of the forensic pieces for the purpose of shooting crime scene reconstruction. A crime scene is a huge puzzle, and piece by piece we compile the physical evidence in each case; the more difficult job is trying to connect those pieces to obtain the big picture, the shooting crime scene reconstruction. This course will also assist in the documentation of physical evidence at the scene which previously might not have been recorded. The attendees will have a brief review of basic techniques and skills that may have been acquired in other courses but will quickly expand their knowledge base and skillset with advanced techniques acquired through lecture and hands-on performance of exercises designed to test the attendees' ability to put all the pieces together. At the conclusion of the course the attendees will have acquired the ability to be able to generate a shooting reconstruction report for the purposes of ultimately providing expert testimony. Mock scenes for this course are specifically designed to assist the attendee in the importance of scene documentation, and to obtain the maximum, accurate information for ultimate shooting crime scene reconstruction. The course will be challenging but will yield the attendee great rewards in advancing their abilities in shooting reconstruction scenes.

October 26, 2022
- October 28, 2022

Crime Scene Processing Workshop

Orlando Police Training Facility

100 George Desalvia Way

Orlando, FL 32807

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

This course will provide you with hands-on training in the latest state-of-the-art techniques for crime scene processing. Emphasis will be given to recognizing, documenting, collecting, preserving, and analyzing physical evidence. Investigators, crime scene technicians, and agency personnel who investigate crime scenes will all benefit from this course.

We will pay particular attention to the interpretation of discovered evidence, its value within the scene and usefulness in solving the crime. You will participate in exercises that will give you experience in latent print development techniques, locating and collecting DNA evidence and using light energy to process a scene. You will also learn how to interpret bloodstain patterns and use chemical enhancement methods.

Each of the techniques covered during the course will be accompanied by a discussion on how to explain the particular process in court. The instructor will share actual cases where techniques were successful in solving cases.

Topics Include:

Discussion of specific evidence-related scenes ranging from simple property crimes to crimes against persons

Photography procedures for scene documentation

DNA and where to find it and collect it

Latent print development techniques

Alternative light sources – processing scenes and related evidence with light energy

Casting - tire and shoe patterns, etc.

Bloodstain documentation and chemical enhancement

Courtroom testimony involving all evidence discussed throughout the course

November 7, 2022
- November 9, 2022

Digital Photography for Law Enforcement
IPTM-Jacksonville/University of North Florida
12000 Alumni Drive
Jacksonville, FL 32224

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

This course will teach you how to effectively use your agency's digital camera system. You will learn the proper approach to various types of law enforcement-related scenes that require photography documentation - from human injuries to outdoor nighttime crime scenes. The primary focus of this course is to equip you with the confidence to adjust the camera settings to record both the scene and all related evidence the way you observe them.

We will teach you the necessary skills to overcome the lighting challenges that crime, crash, and fire investigations create. You will be immersed in indoor, outdoor, daytime, and nighttime practical situations using your departmentally issued or personal cameras. IPTM's instructor will work alongside you and share best practices so that you can become proficient in photographing a variety of scenes and evidence.

In addition to the practical exercises, we will emphasize court proven methods for properly recording the scene and archiving the images correctly with the suggested standards and best practices set by the Scientific Working Group on Imaging Technology (SWGIT), the Organization of Scientific Area Committees for Forensic Science (OSAC), and the Scientific Working Group on Digital Evidence (SWGDE).

Topics Include

Three primary camera shooting modes

Exposure triangle

Familiarization with departmentally issued cameras

Basics of scene documentation

Footwear, tire tread, injury, and macro close-up evidence photography

Daytime/Nighttime flash photography and painting with light

Digital image archiving as related to chain of custody

November 14, 2022
- November 18, 2022

Advance Crime Scene Photography Course

Sarasota County Sheriff's Office

6010 Cattleridge Blvd

Sarasota, FL 34232

08:30 AM - 05:30 PM EST

Bill Robbins, 865-851-6536

bill@forensictrainingsource.com

Advanced Crime Scene Photography Class

Hands on Training Topics, including:

Advanced, manual functions and controls of DSLR cameras

Producing evidence quality images using reflected and transmitted white light and FLS/ALS

Proper overall, medium, & closeup images of prints, blood impressions with and without blood reagents, 2D/3D impressions, and trace evidence

Advanced flash photo techniques for your flash

Photographing victims and suspects including injuries and/or areas of interest

November 14, 2022
- November 16, 2022

Buried Bodies and Surface Skeletons: Recovery Techniques

IPTM-Jacksonville/University of North Florida

12000 Alumni Drive

Jacksonville, FL 32224

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

During this course you will become familiar with the background and procedures used in forensic archaeology. You will learn specific techniques to be used in the search, excavation and recovery of skeletonized human remains and associated evidence. The techniques employed to document the evidence found at the crime scene will be examined in detail.

Exercises involving the search and recovery of surface skeletons will provide you with hands-on experience as you employ the excavation techniques taught in class to locate and unearth mock graves.

Topics Include

Search techniques in locating clandestine graves and surface skeletons

Collection, packaging and transportation of skeletal material and physical evidence

Documentation through photography and sketching

Search, recovery and excavation of mock burials and surface skeletons through field exercises

December 5, 2022
- December 9, 2022

IAI Certification Test Preparation: CCSI, CCSA, CSCSA

Forensic Pieces, Inc.

4400 Bayou Boulevard

Pensacola, FL 32503

08:00 AM - 05:00 PM CST

Crystal Merrell, 850-332-0141

info@forensicpieces.com

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December 7, 2022
- December 9, 2022

Crime Scene Processing Workshop

IPTM-Jacksonville

12000 Alumni Drive

Jacksonville, FL 32224

08:00 AM - 05:00 PM EST

Mary Ankenbaur or Jennifer Rainer, (904) 620-4786

info@iptm.org

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DNA and where to find it and collect it

Latent print development techniques

Alternative light sources – processing scenes and related evidence with light energy

Casting - tire and shoe patterns, etc.

Bloodstain documentation and chemical enhancement

Courtroom testimony involving all evidence discussed throughout the course

February 27, 2023
- March 3, 2023

Shooting Incident Reconstruction

Palm Beach County Sheriff's Office

3075 Gun Club Road

West Palm Beach, FL 33406

08:00 AM - 04:00 PM EST

Neil Zielinski, 5613743190

zielinskin@pbso.org

This course contains frequent LIVE-FIRE components! You will see how the evidence at shooting scenes is generated.

- *Practical, hands on trajectory measurement techniques, and a comparison of known impact angles to measured angles in walls, cars, other objects and materials*
- *Training in correct usage of trajectory analysis equipment (rods, lasers, protractors, 3D laser scanners, and more)*
- *A thorough review of small arms ammunition and projectile design characteristics critical to shooting reconstruction*
- *Examination of shooting reconstruction as a well-founded aspect of forensic science*
- *Review of common questions and issues in shooting incidents (case illustrations)*
- *Instruction in shooting incident investigation and reconstruction procedures, as well as basic crime scene procedures*
- *Case investigation approach and philosophy*
- *Cover the properties of specific terminal ballistic events (shot sequence, direction of fire, etc.)*
- *Examination of projectile penetration, perforation, and deflection characteristics of: sheet metal, glass, wall materials, wood, tires, and more!*
- *A complete review of fundamental exterior and terminal ballistic properties of projectiles*
- *Laboratory examination aspects of recovered bullets from a reconstructive standpoint - the Locardian Principle and trace evidence considerations*
- *Chemical tests to determine whether a suspected impact site is, or is not bullet/pellet created*
- *Cartridge case ejection patterns*
- *Shotgun ballistics and pellet pattern analysis*
- *Introduction to 3D Laser Scanning for crime scene documentation and trajectory analysis*
- *Written test final...*
- *Test your knowledge, prove what have you learned...*

https://drive.google.com/file/d/1YBZuvKUwK1mMTZVhqs-uPy0Gpv1IVnWr/view?usp=s_haring

May 9, 2023

****Free Training** Fire Scene Evidence: Detection, Documentation, & Processing Workshop**

Sarasota County Sheriff's Office

6010 Cattleridge Blvd

Sarasota, FL 34232

08:00 AM - 05:00 PM EST

Crime Scene Manager Candace Matthews, 9418614197

candace.matthews@sarasotasheriff.org

Hands on and lecture format