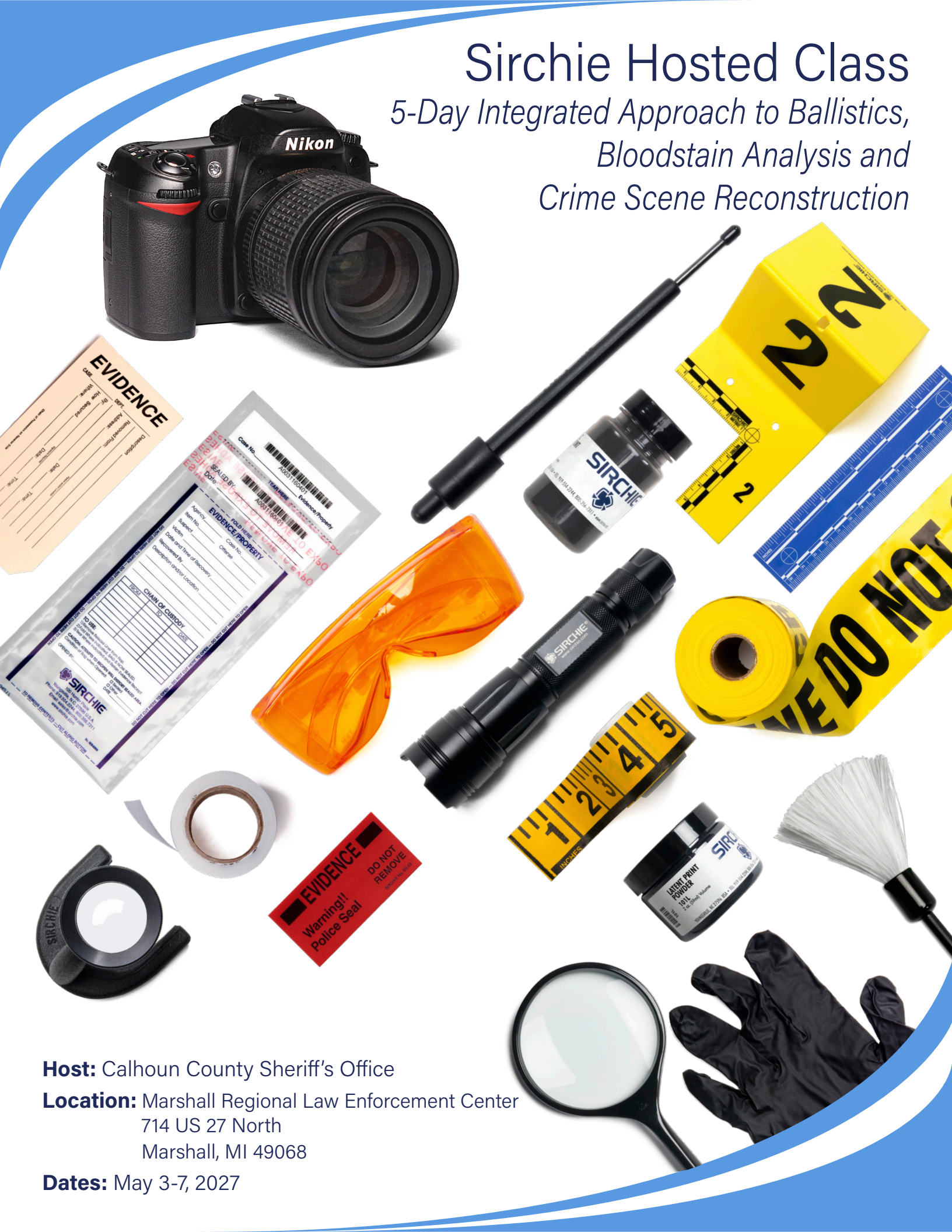
Sirchie Hosted Class

5-Day Integrated Approach to Ballistics, Bloodstain Analysis and Crime Scene Reconstruction



Host: Calhoun County Sheriff's Office

Location: Marshall Regional Law Enforcement Center
714 US 27 North
Marshall, MI 49068

Dates: May 3-7, 2027

An Integrated Approach to Ballistics, Bloodstain Analysis and Crime Scene Reconstruction

With the cooperation of the Calhoun County Sheriff's Office, Sirchie is offering its 5-Day hands-on Crime Scene Reconstruction Training at the Marshall Regional Law Enforcement Center, 714 US 27 North, Marshall, MI 49068 (parking in front of building).

This class is approved for 40 hours crime scene and 10 hours of BPA credit toward initial and recertifications.

This intensive forty-hour Shooting Incident Reconstruction, Bloodstain Analysis and Crime Scene Reconstruction course is designed to provide investigators and forensic practitioners with a scientifically grounded, standards-based approach to analyzing complex shooting scenes. The course integrates foundational principles of internal, external, and terminal ballistics with systematic crime scene documentation, evidence recognition, and reconstruction methodologies. Emphasis is placed on understanding forces acting on projectiles and intermediate targets, recognizing and documenting defects in vehicles and other substrates, and applying OSAC best practices to ensure defensible, repeatable forensic work.



Through a balance of classroom instruction and extensive hands-on practical exercises, students will develop applied skills in trajectory analysis, bloodstain pattern documentation and interpretation, and scene reconstruction. Participants will work with trajectory rods, strings, lasers, and curved-surface measurements; document bloodstains to determine angle of impact, areas of convergence, and areas of origin; and examine real-world shooting artifacts such as ricochets, deflections, bullet wipe, and glass defects.

A dedicated range day places students in dynamic, instructor-created scenes, requiring them to process, document, and interpret evidence under realistic conditions that mirror operational casework. The course concludes with focused instruction on best practices for forensic documentation, low-light and laser photography techniques, bias mitigation, report writing, and courtroom testimony.

On the last day of this course, students will take a written final examination covering the topics discussed during the week. Students must obtain a passing score of at least 80% to successfully complete this course.



Enrollment

Minimum enrollment will be 18 students with a maximum enrollment of 25 students. The cost per student is $745.00. All materials, supplies and equipment will be supplied by Sirchie. Students will be responsible for their own transportation and related per diem expenses.

Individuals interested in attending must register on-line with Sirchie in accordance with the instruction below no later than 5 days prior to the class, Sirchie reserves the right to cancel this class if the minimum number (18) students has not been met.

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

For more info contact:

Lt. Chris Bacik
cbacik@calhouncountymi.gov

Area Hotels:

Holiday Inn Express
329 Sam Hill Dr. Marshall MI 49068
269-789-9301

Hampton Inn
325 Sam Hill Dr. Marshall MI 49068
269-789-0131

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