

# **Advanced Forensic Investigative Techniques: Physical Matching of Trace Evidence**

**This is a self-paced class with continuous enrollment.**

**Cost: \$25.00**

Physical evidence at a crime scene most often occurs as trace evidence. Often this evidence requires physical matching, analysis of physical or chemical properties, separation into various components, identification of source, and crime scene reconstruction in order to link a suspect to a victim or crime scene. Knowing how to preserve, collect, and process crime scene evidence is critical to the integrity of any criminal investigation. Even if evidence collection is not part of your job, knowing how to preserve the evidence so as to maintain its evidentiary value is critical information for any member of a crime or death scene investigation team.

This class deals with some of the most common types of physical evidence associated with criminal activity, including broken glass, paint chips, soil, tool marks, and blood spatter. This course complements the other Advanced Forensic Investigative Techniques classes, [Identifying the Victim](#), [Identifying the Perpetrator](#), [Ballistics](#), and [Estimating Time and Location of Death](#) that dealt with additional types of physical and trace evidence not covered in this class.

## **Course Requirements:**

No prerequisites; no text book purchase is required. Online references have been provided to help the student learn or review any background information they may be lacking. The student is expected to read all 9 lessons. In addition, there are assignments, case studies, and online exercises to perform in order to get the most benefit from this course.

**WARNING:** Some material presented in this class is of a graphic nature and may be offensive to some students. Viewer discretion is advised.

## **The course will deal at length with the following Topics:**

- Lesson 1 – Fracture Pattern Evidence & Forensic Microscopy
- Lesson 2 – Soil and Sediment Evidence
- Lesson 3 – Paint Evidence
- Lesson 4 – Glass Evidence
- Lesson 5 – Plastics Evidence
- Lesson 6 – Physical Matching of Tape Evidence
- Lesson 7 – Tool Mark Evidence
- Lesson 8 – Forensic Knot Analysis
- Lesson 9 – Blood Spatter Evidence

## **Grading Policy**

A = 100 - 90

B = 89 - 80

C = 79 - 70  
D = 69 - 60  
F = 59 - Below

**Students have the opportunity to purchase certificates upon successful completion of the course.**

**This course is worth 2 Continuing Education Units (2 CEUs)**

- A score of 90% and above entitles the student to purchase a **Certificate of Academic Excellence**
- A score of 80-89% entitles the student to purchase a **Certificate of Merit**
- A score of 75% entitles the student to purchase a **Certificate of Appreciation**

**Certificates cost \$25 and can be purchased after completion of the course.**

### **Disclaimer**

This class is for informational or refresher purposes, not certification. It cannot be substituted for any state, government, licensing, or educational requirements.

### **Questions?**

Contact me prior to enrollment at [webbycyberclasses@yahoo.com](mailto:webbycyberclasses@yahoo.com)