

FIU GFJC Sample Training Agenda

10 Days: Latent Print Development

Day 1: Introduction

- Safety protocols
- Best practices
- Lab setup and management tips
- Chemical storage and organization
- Principles, theories, and terminology
- The science of fingerprints

Day 2: Powders

- Considerations for application vs. substrate
- Lifting tools and techniques
- Uses and uncommon techniques for magnetic powders

Day 3-4: Porous Substrates

- Indanedione
- Ninhydrin
- DFO (1,8-Diazafluoren-9-one)
- Silver Nitrate
- Physical Developer (wet surfaces)

Day 5: Non-Porous Substrates

- Cyanoacrylate/Polycyano
- Ardox
- Rhodamine 6G
- Basic Yellow

Day 6-7: Specialized Processes

- Amido Black (blood stain prints)
- Vacuum Metal Deposition (aged, buried, or submersed prints)
- Sticky-Side Powder (adhesive surfaces)
- Small Particle Reagent (non-porous wet surfaces)

Day 8: Photo Documentation & Alternate Light Sources

- Fundamentals of photography
- Imaging requirements for comparative analyses
- Demonstration of laboratory photography equipment
- Alternate Light Source capabilities and limitations
- Fluorescence, wavelength, and barrier filter combinations

Day 9-10: Hands-On Practice

- Multiple evidence types
- Application of all materials and processes
- Sequential processing of complex evidence
- Evaluation of photographs
- Open forum for Q&A

