

Why Attend?

Have you ever been told "You can't get fingerprints from a piece of evidence?" Have you ever been told we are too busy, it will take a couple of weeks or even months to print your evidence?

Our guarantee to you that upon completion of this training module, is that you will be able to develop more latent fingerprints from a wider scope of evidence using cost effective methods for successful court presentation and prosecution.

Through classroom lecture and hands-on participation in practical exercises, you will be able to develop, lift and document latent fingerprints from:

- Plastic Dope Bags
- Soda Cans
- Paper
- Latex Gloves
- Tires
- Wood Handles
- Bricks, Rocks & Marble
- Wax Candles
- Marbles
- Other Items too Numerous To Mention
- Guns
- Shell Casings
- Vinyl Car Dashes
- Sticky Sided Tape
- Pizza Boxes
- Glass
- Styrofoam Cups
- Plastic VCR Cases

Important Please Read:

This is a hands-on training course. Please bring a minimum of 50 items to fingerprint in class.



Public Agency Training Council
5235 Decatur Blvd
Indianapolis, Indiana 46241

Phone: 1-800-365-0119
Fax: 317-821-5096
Email: information@patc.com

Visit us on the Web at:
www.patc.com

DATE • LOCATION

Public Agency Training Council

Jim Alsup, Director



National Criminal Justice
Public Safety Continuing Education

****SAMPLE BROCHURE****

Training Seminar
Hands-On
Fingerprint Recovery
for Crime Scene and
Criminal Evidence

NOTE This course is a hands-on class with active participation and application of various methods of fingerprinting. This is **NOT** a print identification course.

Instructor:
Joseph E. Fyffe

Joseph Fyffe is a retired 29 year veteran with the Indianapolis Police Department and served as the Evidence Coordinator. Joe is an active member in the International Association for Identification (IAI) and a Certified Law Enforcement Instructor. Joe has written four (4) training manuals and courses in **Practical Crime Scene Photography, How to Develop, Lift and Document Fingerprints, Practical Introduction To Crime Scene Investigation** and **Crime Scene Search and Evidence Recovery**. Joe has been providing "Hands-On" Evidence Training to Police Officers, Nationally, for the past 28 years.

DATE
LOCATION
Register On-Line At: www.patc.com

Hands-On Fingerprint Recovery for Crime Scene and Criminal Evidence

Course Objectives:

Introduction To Fingerprints: During this period the student will learn the importance of "reading" the crime scene in an attempt to locate evidence fingerprints. He/She will learn the three major types of evidence prints as well as the importance of collecting elimination (ink) prints from the victims. Training will include the "what is it and how is it put on the surface", as well as various factors affecting the quality and stability of the fingerprint being left upon the surface of the item touched.

Developing and Recovering Fingerprints: During this period the student will understand the value of the evidence fingerprint as well as various conditions affecting the proper development and recovery of these prints. He/She will learn preferred methods of processing many of the most common items of evidence found in day to day crime scene investigations, including items which many times do **NOT** respond well to common "black powders". He/She will be introduced to the need for and the principals of photographing both visible and processed latent fingerprints. Both available light and alternate light sources will be discussed as well as implementation of reversal procedures required when photographing mirrored/reversed prints. The student will become familiar with various fingerprint patterns and the characteristics needed for identification.

The student will have the opportunity to view photographs of developed fingerprints on many "**Often Thought Unprintable**" items such as bricks, rocks, rubber tire tread, rough textured vinyl and plastics, wet objects, feathers, charcoal briquets, bagels, shell casings, etc.

Practical Exercises / Hands-On: For the remainder of the day, the students will be developing and recovering prints from items which they have chosen to bring for practice. They will have the opportunity to use various types of equipment as well as various methods of lifting the developed prints. They will use standard black powder, black magnetic powder, silver black powder, silver black magnetic powder, copper, silver, or gold metallic powders (used on surfaces too slick to provide acceptable results with standard black powders, various "colored" powders, Magnuclei, etc. At the end of this session, students will develop a latent print on a piece of textured upholstery vinyl and prepare it for later recovery. Recovery will be completed the following morning.

Fluorescent Fingerprint Development: During this "hands-on" segment, students will learn how to develop fingerprints, using fluorescent powders and alternate light sources, and will learn factors to be considered when choosing between fluorescent and standard powders. Alternate light sources ranging from 8 watts through 100 watts and protective "barrier" eyewear will be provided for student use. The student will have the opportunity to learn proper usage of various colors of fluorescent powder, both magnetic and non-magnetic.

Fingerprint Photography: An alternate light source and digital camera will be available for student use in the recovery of previously developed fluorescent prints.

Photo Presentation: Students photographs, saved to disk, will be presented by the instructor. Using Adobe Photoshop, Joe will demonstrate "allowable" photographic enhancements. Upon completion of this session, students will be provided their disks for future practice of the techniques demonstrated.

Cyanoacrylate (Super Glue) Processing: During this period, the instructor will cover the principles involved in super glue fuming, safety considerations, and the variables involved in the success of this procedure. He will provide detailed suggestions of methods which may be employed to fabricate basic fuming equipment, (from inexpensive and throw away items) providing substantial monetary savings, over commercial equipment, to the student or to his/her department. Students will be separated into groups and each group will process several items, using both "home made" and commercial fuming equipment. These projects will be retained for chemical enhancement during the final four hour session. **SAFETY WILL BE EMPHASIZED.**

Chemical Processing: During these periods, the instructor will demonstrate and the students will have the opportunity to work "hands on" with several chemical methods.

Laboratory Type Equipment Available: Ductless Forensic Workstation, Cyanoacrylate "Controlled Heat" Fuming Chamber, Vacuum Fuming Chamber, Fume Extractor, Humidifier, and DFO Development Chamber.

Chemicals Being Presented: Amido Black, Hungarian Red, Aqueous Leuco Crystal Violet, Sudan Black, Adhesive Side Powder, Crystal Violet, DFO (1,8-Diazofluoren-9-one) Silver Nitrate, Ninhydrin, Ninhydrin Fixative, Iodine Fuming, Iodine Print Enhancement, Small Particle Reagent, Physical Developer, Basic Yellow Dye, Ardrex, and Rhodamine 6 G.

Seminar Agenda Hands-On Fingerprint Recovery for Crime Scene and Criminal Evidence

DATE • LOCATION

DAY ONE

8:00 a.m. - 8:30 a.m. Registration

8:30 a.m. - 10:00 a.m. Introduction To Fingerprints

10:00 a.m. – 11:30 a.m. Developing and Recovering Fingerprints (Study Phase)

11:30 a.m. - 12:30 p.m. Lunch

12:30 p.m. - 4:00 p.m. Developing and Recovering Latent Fingerprints, Using Several Standard and Specialty Powders, Methods and Lifting Materials (Hands-On Phase)

DAY TWO

8:00 a.m. - 9:30 a.m. Development of Latent Fingerprints with Fluorescing Powders and Alternate Light Sources (Hands-On)

9:30 a.m. - 10:30 a.m. Documentation of Fluorescent Fingerprints by the use of an Alternate Light Source and Digital Photography (Hands-On)

10:30 a.m. – 11:30 a.m. Photo Presentation and Demonstration of Allowable Photoshop Enhancement Techniques (Students will be provided their photos on disk for future practice)

11:30 a.m. - 12:30 p.m. Lunch

12:30 p.m. - 2:30 p.m. Cyanoacrylate (Super Glue) Processing (Group Participation)

2:30 p.m. - 4:00 p.m. Demonstrations of Various Chemical Fingerprint Developing Procedures Which Will Be Used By Students In Tomorrow Session

DAY THREE

8:00 a.m. - 12:00 p.m. Additional Cyanoacrylate Fuming and Chemical Processing Techniques (Hands-On)

12:00 p.m. Certificate Presentation

A DUCTLESS FORENSIC WORKSTATION WILL BE PROVIDED FOR STUDENT SAFETY

3 Ways to Register for a Seminar!

1. **Register Online** at www.patc.com — Yellow link upper left corner
2. **Fax Form** to Public Agency Training Council **FAX: 1-317-821-5096**
3. **Mail Form** to

Public Agency Training Council
5235 Decatur Blvd
Indianapolis, Indiana 46241
Federal ID# 35-1907871



*** Pre-payment is not required to register ***

Upon receiving your registration we will send an invoice to the department or agency .



Checks, Claim Forms, Purchase Orders should be made payable to:

Public Agency Training Council

If you have any questions please call
317-821-5085 (Indianapolis)

800-365-0119 (Outside Indianapolis)



Seminar Title: Hands-On Fingerprint Recovery

Instructor: Joseph E. Fyffe

Seminar Location: LOCATION

When: DATE

Registration Time: 8:00 A.M. (DAY ONE)

Hotel Reservations: HOTEL

Registration Fee: Includes Hand-outs, Fingerprint Student Manual, Fingerprinting Supplies for Classroom Use, Coffee Breaks, and Certificate of Completion.

Seminar ID #

Cut Along Dotted Line

Names of Attendees 1. _____

2. _____

3. _____

4. _____

Agency _____

Invoice To Attn: _____
(Must Be Completed)

Address _____

City _____ **State** ____ **Zip** _____

Email _____

Phone _____

Fax _____