

Western States Training Conference

Las Vegas, Nevada
November 29-December 10, 2010
Law Enforcement
and Fire Science Training Classes

Course Name	Seminar #	Start	End	Fee
Bomb Investigations	8970	Nov 29	Dec 1	\$295
Court Security - 3 Day:	8971	Nov 29	Dec 1	\$295
Criminal Drug Interdiction	8984	Nov 29	Dec 1	\$295
Hostage Negotiations Phase I & II	8968	Nov 29	Dec 3	\$525
Internal Affairs- Five Day	8974	Nov 29	Dec 3	\$575
Kinesic Interview & Interrogation Phase I & II	8969	Nov 29	Dec 3	\$525
Policies & Procedures	8972	Dec 2	Dec 3	\$295
Electronic Evidence-What Every Investigator Needs to Know	9154	Dec 2	Dec 3	\$295
School Violence -Conference	9147	Dec 6	Dec 7	\$275
Leadership Skills for Challenging Times	8985	Dec 6	Dec 8	\$295
Hostage Negotiators Conference	9104	Dec 6	Dec 8	\$325
New Fire/Arson Investigator Academy	8983	Dec 6	Dec 10	\$475
Death & Homicide- Five Day	8981	Dec 6	Dec 10	\$525
Use of Force - Five Day	9149	Dec 6	Dec 10	\$525
Legal & Liability Issues in Schools	9148	Dec 8	Dec 9	\$275

~ 2 WAYS TO REGISTER ~

Online: www.patc.com - follow the Eagle!

Phone: 1-800-365-0119 - Our representatives will gladly assist you.



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

September 13, 14 & 15, 2010 • Santa Fe, New Mexico

Public Agency Training Council

Jim Alsup, Director



National Criminal Justice
Public Safety Continuing Education

Sponsored By:
New Mexico Department of Public Safety
Santa Fe, New Mexico

Note: New Mexico Department of Public Safety Accreditation
has been applied for.

Training Seminar Hands-On Bloodstain Pattern Evidence Analysis For Crime Scene Reconstruction

Case Presentations and Hands-On Practical Exercises

**Instructor:
Tom Martin**

Tom Martin is a sworn crime scene investigator for one of the largest police agencies in the country. He has worked in forensics since 1988 and has supervised the forensic crime scene unit since 1996. Tom has investigated thousands of forensic cases; including, murder, serial and mass murders, police involved shootings, bombings and sexual assaults. Tom's training and experience encompass several fields of expertise, including: forensic crime scene reconstruction, latent print processing and identification, blood stain pattern analysis, and forensic composite art. He serves as a consultant for The National Institute of Justice and currently sits on the NIJ Technical Working Group for Sensor and Surveillance Technology.

Tom is a nationally recognized speaker who has instructed at numerous forensic training seminars across the United States including: the American Academy of Forensic Sciences, The National Institute of Justice and the Smithsonian Institute. Tom serves as a faculty member for the National College of District Attorneys and the International Association of Chiefs of Police, (IACP). He has lectured, on several occasions in Washington, D.C., providing presentations to executive officials of the National Institute of Justice and members of the United States Congress.

Tom has appeared on several forensic related television shows including: the HBO series "Autopsy", the Court TV series "Trace Evidence", has filmed several episodes for the Discovery Channel and has appeared on Court TV as an expert guest analyst. Tom is the author of the Crime Scene Forensics: A Field Guide for the First Responder pocket guide series published by Looseleaf Law.

September 13, 14 & 15, 2010

Santa Fe, New Mexico

Register On-Line At: www.patc.com

Hands-On Bloodstain Pattern Evidence Analysis For Crime Scene Reconstruction

Note: Case Presentations and Practical Exercises All Three Days

Course Objectives:

To give investigators and crime scene personnel a basic foundation in identifying and documenting bloodstain pattern evidence. It is not expected nor should you expect to be an expert or considered an expert in the field bloodstain pattern analysis and reconstruction upon completion of this course. You should however, be able to recognize and properly document bloodstain pattern evidence at crime scenes.

This training will give you the basic tools needed to establish parameters in bloodstain pattern identification and crime scene reconstruction. In addition, you will learn how to work with blood and should be able to carry on additional experiments upon return to your department. It is imperative that those of you, who wish to qualify as experts, continue to blood patterns at crime scenes, document evidence, and participate in additional experiments as appropriate in attempting to recreate what you observe at specific scenes.

Blood As Evidence:

Blood at crime scenes, on the victim, suspect, or witnesses (clothing or persons) can be considered significant and treated as such when documenting, collecting, and preserving. There may be some differences in the degree of documentation of blood which is collected for laboratory identification (DNA) and the blood in bloodstain patterns which will be used for bloodstain pattern analysis and crime scene reconstruction.

Traditionally blood at crime scenes has been documented and collected for identification through DNA. Although the documentation and collection occurs at the scene, the primary identification occurs in the laboratory. If these samples can give you information as who and how many people were bleeding at the scene.

Bloodstain pattern analysis from a crime scene may provide investigative leads as well as supportive or non-supportive evidence for victim's, suspect's, and witness's statements. If you are using the bloodstain pattern analysis to assist in a crime scene reconstruction, it is critical that complete documentation of the blood take place. A person who was not present at the scene, should be able to reconstruct from your documentation what occurred. Without adequate documentation, later reconstruction may not be able to be done and your analysis may not be verified.

Seminar Agenda

Hands-On Bloodstain Pattern Analysis For Crime Scene Reconstruction

September 13, 14 & 15, 2010 • Santa Fe, New Mexico

Monday, September 13, 2010

- 8:00 a.m.—8:30 a.m. Registration
- 8:30 a.m.— 9:30 a.m. **The Role of Bloodstain Pattern Analysis in Criminal Investigations**
- Coping with the CSI Effect - Separating fact from fiction
 - Building Strong Cases
- 9:30 a.m.— 11:00 a.m. **Blood as Evidence**
- Information That Can Be Obtained from Bloodstain Patterns
 - Collecting Background Information
 - Observations, Documentation, Collection
- 11:00 a.m.— 12:00 p.m. **Every Blood Stained Crime Scene Tells a Story: Investigation and Reconstruction**
- Forensic analysis of evidence
 - Coordination of Physical Evidence and Informational Evidence
 - Collecting information from the crime scene to assist the medical examiner in determining cause and manner of death
- 12:00 p.m.—1:00 p.m. **Lunch on your own**
- 1:00 p.m.— 2:00 p.m. **Case Presentation – Identifying Bloodstains**
- 2:00 p.m.— 5:00p.m. **Properties of Blood**
- Cells, Clotting, Drying Time
 - Lab Exercise: Surface Tension; Drying Time

Tuesday, September 14, 2010

- 8:00 a.m.— 12:00 p.m. **Bloodstain Patterns**
- Spatters and Transfers
 - Effects of Surface Texture
 - Lab Exercises
- 12:00 p.m.— 1:00 p.m. **Lunch on your own**
- 1:00 p.m.— 3:00 p.m. **Bloodstain Patterns**
- Spatters Produced from Different Mechanisms
 - Castoff Spatter
 - Lab Exercises
- 3:00p.m.— 4:00 p.m. **Bloodstain Patterns**
- Determining Impact Angles
 - Identifying Transfer Patterns
 - Lab Exercises
- 4:00 p.m.— 5:00 p.m. **Bloodstain Pattern Testimony**
- Staying Within the Science
 - Bloodstain Pattern Analysis and the NAS Report

Wednesday, September 15, 2010

- 8:00 a.m.— 9:30 a.m. **Determining Area of Origin**
- Impact Angle Determination
 - 2D and 3D reconstruction
 - Lab Exercises
- 9:30 a.m.— 11:00 a.m. **Documenting Bloodstain Patterns**
- Photography; Measurements; Swab Samples
- 11:00 a.m.— 12:00 p.m. **The Role of DNA Testing in Bloodstain Pattern Analysis**
- 12:00 p.m. **Certificate Presentation**

Cut Along Dotted Line

Note:
There will be case presentations all three days and practical exercises.

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: Bloodstain Pattern

Instructor: Tom Martin

Seminar Location: The New Mexico Department of Public Safety Training Center
4491 Cerrillos Road
Santa Fe, NM 87507

When: September 13, 14 & 15, 2010

Registration Time: 8:00 A.M. (September 13, 2010)

Hotel Reservations: Inn at Santa Fe
8376 Cerrillos Road
Santa Fe, NM 87507
1-505-474-9500
\$79.00 Double Queen

Registration Fee: \$350.00 Includes Hand-outs, Hands-On Bloodstain and Bullet Pattern Evidence Analysis For Crime Scene Reconstruction Manual, Coffee Breaks, and Certificate of Completion.

Seminar ID
#9102

Note:
To receive discount room rates, identify yourself with the **Public Agency Training Council**

Names of Attendees 1. _____

2. _____

3. _____

4. _____

Agency _____

Invoice To Attn: _____
(Must Be Completed)

Address _____

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

Email _____

Phone _____

Fax _____