

Western States Training Conference

Las Vegas, Nevada

Nov 28-Dec 2 / Dec 5-9, 2011

**Law Enforcement
and Fire Science Training Classes**

December 12-14, 2011

Hostage Negotiators Training Conference

Course Name	Seminar #	Start	End	Fee
Legal & Liability for SWAT	9868	Nov 28	Nov 29	\$295
School Violence Conference	9876	Nov 28	Nov 29	\$275
Court Security	9867	Nov 28	Nov 30	\$295
Internal Affairs- Five Day	9792	Nov 28	Dec 2	\$575
Kinesic Interview & Interrogation Phase I & II	9791	Nov 28	Dec 2	\$525
Detective and New Criminal Investigator	9875	Nov 28	Dec 2	\$425
Legal and Liability Issues in Schools	9869	Nov 30	Dec 1	\$275
Advanced Cell Phone Forensics	9870	Nov 30	Dec 2	\$295
Defending Law Enforcement Litigation	9873	Dec 1	Dec 2	\$295
Leadership Skills for Challenging Times	9872	Dec 5	Dec 7	\$295
Criminal Drug Interdiction	9871	Dec 5	Dec 7	\$295
New Fire/Arson Investigator Academy	9794	Dec 5	Dec 9	\$475
Death & Homicide- Five Day	9795	Dec 5	Dec 9	\$525
Use of Force - Five Day	9796	Dec 5	Dec 9	\$525
Hostage Phase I & II	9793	Dec 5	Dec 9	\$525
3rd Annual Hostage Negotiators Training Conference	9768	Dec 12	Dec 14	\$325

~ **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

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PATC TECH

FORENSIC DIGITAL EVIDENCE

A division of Public Agency Training Council

Sponsored By:

**Lamar Institute of Technology
Regional Police Academy**
Beaumont, Texas

Note: TCLEOSE credit will be given each attendee.

Training Seminar How to Use Cell Phone Technology In Criminal Investigations

Instructor:

Glenn K. Bard, CISSP, CFCE, CEECS, CHFI, A+, Network+, Security+, ACE • **Pennsylvania State Police (Retired)**

Glenn Bard is a retired Pennsylvania State Trooper First Class and U.S. Veteran of Operation Desert Storm. In 1999, Glenn began Computer Crime Investigations for the PA State Police and has since investigated crimes across the United States ranging from Child Pornography to Criminal Homicide. Glenn has also conducted forensic examinations for city, state and federal Law Enforcement Agencies including the FBI, US Postal Inspectors, and I.C.E. as well as foreign governments. Prior to retiring, Glenn was selected by the US Attorney's Office in Pittsburgh and OPDAT to teach computer crime investigations and computer forensics in Tirana, Albania.

Due to his training and experience, Glenn has been certified as an expert in Pennsylvania Court of Common Pleas and the United States Federal Court System in the areas of Digital Forensics, Cellular Technology and Computer Technology. Glenn has also been certified as an expert instructor in the State of Maryland.

Additionally, he has been a speaker for organizations of all sizes and types, both public and private, to include the Cyril H. Wecht Institute of Forensic Science and Law, Pennsylvania Fraternal Order of Police, Illinois Fraternal Order of Police, New Jersey Fraternal Order of Police, Federal Fraternal Order of Police, and the Institute of Law Enforcement Education, among many others.

Several of the cases Glenn has worked on have received National coverage, to include Fox News, Dateline, the Associated Press, Yahoo!, the New York Times, Pittsburgh Post-Gazette, Pittsburgh Tribune Review and many national publications.

Additionally, Glenn has received numerous awards during his military and police career, including Honorable Discharges from both the United States Army and the Pennsylvania State Police.

Glenn is the Chief Technical officer for PATCtech, overseeing all Digital Forensic Data Services. Glenn has acted as technical consultant and/or personally developed Computer Forensic Programs at multiple Colleges, to include Westmoreland County Community College where he was a faculty instructor prior to retiring.

November 28 & 29, 2011
Beaumont, Texas

Register On-Line At: www.patc.com

How to Use Cell Phone Technology In Criminal Investigations

Course Overview:

Everyone has heard about the prevalence of cell phones in criminal investigations. From CSI to 24, this technology exists and is currently being utilized across the United States to convict thousands of criminals. From homicides, fraud investigations, assaults to aggravated kidnappings, this course will demonstrate the basic concepts and methods to utilizing cellular records to prosecute criminals.

This course is specifically designed for police officers, investigators, fire investigators, detectives, criminal investigation personnel, special investigation units or any other individual to increase their knowledge and effectiveness in the recognition, use and display of information derived from background research and cellular data records.

We will discuss how new access to law enforcement and private databases has enhanced the ability to recognize patterns within targeted investigations.

We will also discuss the impact of cellular records within criminal investigations. The course will discuss the method to acquire these records, the methods to understand cellular records and proven ways to display these records in a court of law. The course will also include a detailed overview of comprehending the usage and manner in cellular tower records. It is assumed that the attendee has little or no knowledge on cellular phone usage within criminal investigations. This course will also expose the attendee to commercially available software that effectively displays the information.

Course Purpose:

The purpose of this seminar is to expose the attendee to proficient and effective investigations utilizing available databases and cellular usage records.

The attendee will leave the seminar with an increased knowledge and proven effective techniques to enhance their criminal investigation.

A PC based laptop is useful for the course; however, it is not required for successful completion. If it is a government laptop, please check with your IT personnel.

The number of cell phone subscribers in the United States reached approximately 159 million in 2003, up from 34 million in 1995, according to the latest edition of the national data book released by the U.S. Census Bureau. The CTIA Semi Annual Survey Year End 2007 estimates that there are over 255 million active wireless (Cellular, ESMR and PCS Providers) subscribers in the United States in December of 2007—a growth of over 22 million from the previous year (CTIA-The Wireless Association@ http://files.ctia.org/pdf/CTIA_Survey_Year_End_2007_Graphics.pdf)

Seminar Agenda How to Use Cell Phone Technology In Criminal Investigations

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Monday, November 28, 2011

- 8:00 a.m.— 8:30 a.m. Registration
- 8:30 a.m.—10:00 a.m. **Introduction To Cell Phones**
Cell Records
Requesting Information
Cell Tower Usage
“Pinging” a Cell Phone
- 10:00 a.m.—12:00 p.m. **Background Research**
Internet Based Data Bases
National Data Bases
Cellular Networks
- 12:00 p.m.—1:00 p.m. Lunch (On Your Own)
- 1:00 p.m.—2:00 p.m. **Cell Phone Technology**
- 2:00 p.m.—3:00 p.m. **Federal Communications**
- 3:00 p.m.—4:00 p.m. **Cellular Providers**
- 4:00 p.m.—5:00 p.m. **Analog—Digital Networks**

Tuesday, November 29, 2011

- 8:00 a.m.—9:00 a.m. **Cellular Power**
- 9:00 a.m.—10:00 a.m. **Cell Phone Forensics**
- 10:00 a.m.—12:00 p.m. **Tracking and GPS**
- 12:00 p.m.—1:00 p.m. Lunch (On your Own)
- 1:00 p.m.—2:00 p.m. **Cell Phone Towers**
- 2:00 p.m.—3:00 p.m. **Legal Aspects**
- 3:00 p.m.—4:00 p.m. **Investigative Techniques**
- 4:00 p.m.—5:00 p.m. **Steps To Analyze**
Investigative Practical Exercise
- 5:00 p.m. **Certificate Presentation**

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: Cell Phone Technology
Instructor: Glenn Bard
Seminar Location: Lamar Inst. of Technology Campus
Multi Purpose Room
802 E Lavaca
Beaumont, TX 77705

When: November 28 & 29, 2011

Registration Time: 8:00 A.M. (November 28, 2011)

Hotel Reservations: **MCM Elegante**
2355 I-10 South
Beaumont, TX 77705
1-409-842-3600
\$93.00 single/double

Registration Fee: \$295.00 Includes Hand-outs, How to Use Cell Phone Technology in Criminal Investigations Manual, Coffee Breaks, and Certificate of Completion.

Seminar ID
#10221

Note: To receive special room rates, please identify yourself with **Lamar Institute**.

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 _____