

# **The Greater Philadelphia Locksmiths Association**

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## **Security Training Seminar And Product Exhibit**



**73rd Anniversary Convention & Banquet  
September 28 – October 1, 2022**

**Clarion Hotel Philadelphia International Airport  
Philadelphia, PA**

**LOCK-UP YOUR FUTURE WITH EDUCATION**

# THE GREATER PHILADELPHIA LOCKSMITHS ASSOCIATION'S 73rd ANNIVERSARY CONVENTION

**Training Classes ♦ Professional Products Exhibit ♦  
Friday Night Social ♦ President's Reception & Awards Banquet**

The Greater Philadelphia Locksmiths Association is excited to welcome our many industry partners, friends and fellow locksmiths to our 2022 convention. Please make plans to join us and be part of the GPLA Experience!

Among this year's highlights:

⇒ **Eight** hands-on **Training Classes**, most taught by nationally recognized instructors. Many of the classes are NJ State Certified CEU classes (it's not too early to start on classes for your 2025 renewal!) to help you acquire or maintain your NJ State Locksmith license. From basic locksmithing skills classes, journeyman level classes, and advanced specialty classes, we're sure you will find something that will interest you.

⇒ **Friday Night "Nifty Fifties" Social**. Join us for a trip down Memory Lane! The 50's was the decade of poodle skirts and bobby socks, soda fountains and juke boxes, sock-hops, Doo-wop music, the birth of rock n' roll and American Bandstand! We'll be spinning classic 45's while you enjoy great food, wine, beer and... sodas – of course! Come as you are or dress for the part. Be a part of the fun with games, contests, and maybe an Elvis sighting!

⇒ **The Professional Products Exhibit**. The product exhibit features both manufacturers and distributors. Don't miss this opportunity to view new products or strike a bargain with your favorite distributor. You'll want to brush up on your technique for the **Lock Picking and Lock Bumping Contests**, which will have a new twist to challenge your skill! Along with cash prizes to be awarded for the fastest times in both novice and expert categories, there will be thousands of dollars in door prizes given away.

⇒ **The GPLA Annual Awards Banquet**. A black tie (preferred) affair, the Awards Banquet has long been known as the pre-eminent social event on the locksmith calendar. The evening will be highlighted by live music and the traditional Philadelphia Menu dinner. This is also your opportunity to meet industry leaders from around the world and greet the recipient of the **2022 Philadelphia Award**.

⇒ These and other events and surprises, all presented with **GPLA's** legendary style and hospitality.

## REGISTRATION SUMMARY

Class	Title	Date	Fee thru 8/26	Fee after 8/26
101	Motorcycle Keys Made Easy	9/28	\$165.00	\$208.00
201	Drill & Transfer Techniques for Combo Safe Locks	9/29	\$165.00	\$208.00
202	Desk & Utility Lock Servicing *	9/29	\$165.00	\$208.00
203	Advanced Diagnostics™ Auto Transponder Systems	9/29	\$165.00	\$208.00
301	Locksmithing Skills - Lockpicking & Basic Master Keying	9/30	\$165.00	\$208.00
302	Corbin Russwin Cylinder & Removable Core Servicing *	9/30	\$165.00	\$208.00
303	The Complete Door Closer	9/30	\$165.00	\$208.00
304	Advanced Electrical System Wiring & Troubleshooting Level 3 Wiring & Circuits *	9/30	\$165.00	\$208.00

\* New Jersey CEU approved class

Students must bring their NJ State License to class to receive their CEUs.

Friday Night "Nifty Fifties" Social	09/30	7:00 PM – 10:00 PM	Included with Banquet Ticket or \$40.00 if purchased separately
Professional Products Exhibit	10/01	9:00 AM – 3:00 PM	FREE if pre-registered or \$15.00 at door
President's Reception	10/01	6:30 PM – 7:30 PM	Banquet Ticket Required
Black Tie Awards Banquet	10/01	7:30 PM – 11:00 PM	\$85.00

## CONVENTION REGISTRATION TABLE TIMES AND LOCATIONS:

Thursday, September 29	7:00 AM to Noon	Classroom Area
Friday, September 30	7:00 AM to Noon 1:00 PM to 4:00 PM 6:30 PM to 7:30 PM	Classroom Area Ballroom Foyer Ballroom Foyer
Saturday, October 1	7:30 AM to 3:00 PM	Ballroom Foyer

# GPLA OFFICERS

President .....Sven K. Hellwig, Sr., CRL  
Vice President..... Maurice Onraet  
Recording Secretary ..... Clifford L. Shafer, CPS, CML  
Corresponding Secretary ..... John P. Williams, CRL  
Treasurer .....Martin Arnold, CML  
Sergeant at Arms..... Barry Wilensky, CRL

## BOARD OF DIRECTORS

Paul Kline, RL – Chairman

Edward Fitzgerald, CML  
James C. Handschuh, Sr.

Ronald Marcinkowski, CRL, CAL  
Joseph Reustle, CPS, CAI, GSAT



## CONVENTION COMMITTEE

Sven K. Hellwig, Sr, CRL ..... General Chairman  
John Williams, CRL..... Education Chairman  
Edward Fitzgerald, CML ..... Exhibits Chairman  
Martin Arnold, CML ..... Finance Chairman  
Nelson Dayton, CML.....Reservations Chairman  
Robert Mock, RL.....VIP/Hospitality Chairman  
Paul Kline, RL ..... E-Communications Chairman  
Clifford L. Shafer, CPS, CML. .... Website and Publications Chairman  
Anthony Buenaflor ..... Exhibits Committee  
John C. Magee III ..... Exhibits Committee  
James Sundstrond III ..... Exhibits Committee  
Carol Williams..... Education Committee  
Maurice Onraet.....Reservations and Education Committee



## Clarion Hotel Philadelphia International Airport

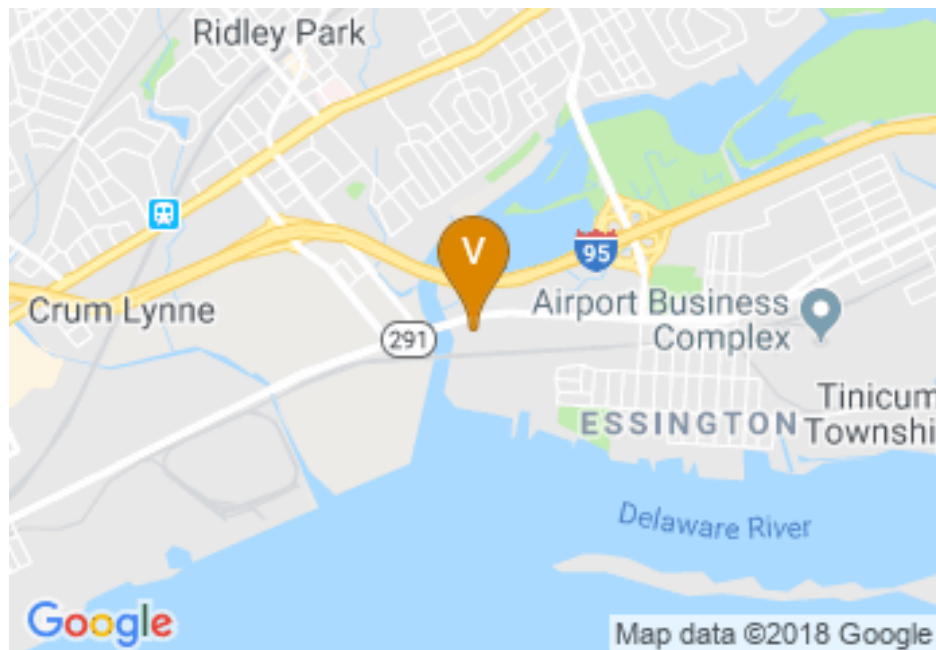
76 Industrial Highway  
Essington, PA 19209  
Tel: (610) 521-9600

The easiest way to make a reservation is to click on the link below to be directed to the GPLA group reservation site:

[www.choicehotels.com/reservations/groups/ME11Q6](http://www.choicehotels.com/reservations/groups/ME11Q6)

**\$119.00 Single or Double Occupancy**

**Be sure to make your reservation soon. Rooms at this price will run out.**



**Directions:** From I-95 North or South, take Exit 9A to Wanamaker Avenue south. Take first right at light onto Industrial Hwy. (Route 291). The hotel will be a ¼ mile on your left.

# 2022 CLASS SCHEDULE

## Wednesday, September 28, 2022

***Please note:*** This class will be held at GPLA Headquarters.  
*Please see the last page of this booklet for map and directions.*

Class 101 Motorcycle Keys Made Easy

## Thursday, September 29, 2022

Class 201 Drill & Transfer Techniques for Combination Safe Locks  
Class 202 Desk & Utility Lock Servicing \*  
Class 203 Kaba/Ilco Advanced Diagnostics™ Auto Transponder Systems

## Friday, September 30, 2022

Class 301 Locksmithing Skills - Lockpicking & Basic Master Keying  
Class 302 Corbin Russwin Cylinder & Removable Core Servicing \*  
Class 303 The Complete Door Closer  
Class 304 Advanced Electrical System Wiring & Troubleshooting\ Level 3 Wiring & Circuits \*

\* New Jersey CEU approved class

*Students must bring their NJ State License to class to receive their CEUs.*

All classes will start promptly at their posted times. Classes will be closed 15 minutes after the posted starting time. This is to avoid interrupting both the instructor and students. Late arrivals disrupt the class. We are sorry, but we can make no exceptions.

**No refunds** will be made. Please be on time - avoid disappointment.

# 2022 PRODUCT EXHIBIT

The Greater Philadelphia Locksmiths Association is proud to once again welcome manufacturers and distributors to our annual product exhibit. Their continued participation and support at our exhibit provide locksmiths with the opportunity to see and learn about all of the newest and innovative products, tools, and services available in the security market. Many of our exhibitors will be providing door prizes that will be presented to exhibit attendees throughout the day, with the grand prize of an ALOA education package for the 2023 convention.

## EXHIBITORS

Abus Lock Co.	Locknetics
Adams Rite	Locksmith Ledger
Alarm Lock	Locksmith Resource
Allegion	LSDA Products
ALOA / SAVTA	Marks USA
ASSA Technical Services	Maryland Locksmiths Association
AVCO Key & Novelty	Medeco Security Locks
Banner Solutions	Midwest Keyless, Inc.
Bullseye SD Locks	Mul-T-Lock USA
CodeLocks	NAPCO
Command Access	Norton
Corbin / Russwin	PDQ
Detex Corporation	Penn-Ohio Locksmiths Association
Dexter	Pennsylvania Burglar & Fire Alarm Association
Doorwares Associates	Rutherford Controls
DSS Tri-State	Sargent & Greenleaf
Falcon	Schlage Lock Company
Fried Brothers, Inc.	SDC
General Lock Products	Securitron
GPLA Picking & Bumping Booth	Select Hinges
GKL Products	South Jersey Locksmiths Association
GMS	STA Secure-T Agency
HES	The Locksmith Agency
IDN Hardware Sales	Top Notch Distributors
Ives	Transponder Island
Jester Associates	UHS Hardware
Kaba Ilco	USCAN Products
KSP	Von Duprin
LCN	WESCO
Lockmasters, Inc.	Yale

Some of the door prizes to be presented:

Grand Prize - ALOA 2023 Convention Education package (Must be present to win)

Hardware Display Mounts

Locksmith Tools

Automotive Tools & Equipment

Handlesets & Padlocks

And much more!

*Professional Product Exhibit*

## ***Grand Door Prize!***

**Notice: Must be Present to Win**



### **2023 ALOA Convention Education & Security Expo Package\* In Orlando, FL**

*package includes:*

- 4 full-day classes\*\* with breaks and lunches
- 2 half-day workshops
- 2 evening seminars
- 3 days of the expo
- Kick-off party

Visit the ALOA booth at  
the professional product exhibit  
to register!

Prize package courtesy of ALOA  
\*Does not include travel or lodging  
\*\*Lab fees not included



# CLASS DESCRIPTIONS

## Class 101:

### MOTORCYCLE KEYS MADE EASY

Wednesday, September 28, 2022

Cost: \$165.00 thru August 26, 2022  
\$208.00 after August 26, 2022

8:00 AM to 5:00 PM

**Please note:** *This class will be held at GPLA Headquarters. Please see the map on the last page of this document for directions and alternative overnight accommodation suggestions.*

**Instructors:** Paul Kline, RL, Sven K. Hellwig, Sr., CRL and Sven K. Hellwig, Jr.

Stop turning down lock and key work in the lucrative field of motorcycles, scooters, and ATV's! Students taking this motorcycle key generation course will be totally informed and instructed on many different methods of all key lost replacement, duplication, cloning, programming, Lishi tool use, Accu-Reader decoding, picking, impressioning, code location (where applicable), site reading, key cutting, machine use, tips and tricks and more for a wide variety of motorcycles, scooters and ATV's.

Each student will receive an informational instructional guide, with pictures and methods pertaining to specific makes and models for successful key generation on the most common locking systems on Honda, Harley Davidson, Kawasaki, Suzuki, Ducati, BMW, Husqvarna, Cam Am, Polaris, Vespa, Triumph and others. Two wheels, three wheels, four wheels, if it has wheels; wheel have you covered!

Three highly experienced motorcycle Locksmith/Instructors will make this course one of the best and most informative classes you've ever taken. Be prepared to learn an abundance of motorcycle information to give you the professional edge. Don't miss out, class size is limited.

A GPLA certificate suitable for framing will be awarded to each student.

#### **About the instructors:**

**Paul J. Kline, RL** Background in general / commercial locksmithing, auto and Lishi expert, second generation locksmith. Owner and operator of Lightning Locksmithing averaging about 70+ cars a month. Currently holds position of Greater Philadelphia Locksmith Association Chairman of the Board, and GPLA Instructor. Paul has been an instructor specializing in automotive and Lishi tools for several years and has instructed around the country at numerous education programs.

**Sven K. Hellwig Sr., CRL** Background in general / commercial locksmithing with 38 years of auto experience. Co-Owner and operator of SKH Locksmiths & Security LLC, 800-WE-UNLOCK, since 1981. Sven runs a mobile and shop operation that averages about 10 cars a week and 80 to 100 motorcycles a month at auction. Sven has been an instructor for 16 years and has taught about a dozen different classes, including lock impressioning, lock picking, commercial storefront servicing, transponder chip harvesting, Lishi, automotive key generation, Select hinge installation, and more throughout the country. Currently serving The Greater Philadelphia Locksmith Association as President, Convention General Chairman and Instructor.

**Sven K. Hellwig Jr.** Background in general locksmithing and motorcycle expert. Lifelong exposure to locksmithing, 16 years auto and bike experience, 6 years electronic experience, partner and co-operator of SKH Locksmiths & Security LLC, main auto tech doing dozens of cars a month, he services all makes and models, including those that need immobilize EEPROM. Also averaging 80-100 motorcycles per month through auction. This gives Sven a great ability to work on a wide variety of motorcycles, making him an excellent motorcycle Instructor. Sven Jr. has proven himself as an excellent young instructor.

**CLASS 201:**

**DRILL & TRANSFER TECHNIQUES FOR  
COMBINATION SAFE LOCKS**

**Thursday, September 29, 2022**

**Cost: \$165.00 thru August 26, 2022  
\$208.00 after August 26, 2022**

**8:00 AM to 5:00 PM**

**Instructors: Joe Reustle, CPS, CAI, GSAT**

Every safe technician has drilled a combination safe lock in the wrong place at least once in their career. Knowing how to open the safe without drilling another hole is one of the skills that sets a seasoned technician apart from the competition! In this hands-on class, students will learn how to open a combination lock when they miss their intended target or drill the lock for the wrong handing. Students will also receive instruction on the proper way to scope a change key hole to open a safe without drilling through the door, thus avoiding hard plate and other barriers. Students must have a full understanding of how combination safe locks operate. Students should bring paper and pencils.

A GPLA certificate suitable for framing will be awarded to each student.

**About the instructor:**

**Joseph R Reustle, CPS, CAI, GSAT** is owner of JR's Lock and Safe Company in Mays Landing, NJ and has been working in the industry for 30 years. He has been an instructor for ALOA, SAVTA and other local locksmith associations. He also has been an assistant instructor to Dave McOmie in many of Dave's classes in the past. He specializes in opening high security safes, but continues to offer traditional locksmithing and access control services to his clients. He has held offices in the past for both GPLA and SJLA, was named SAVTA Instructor of the Year in 2017 and is currently serving as a Director for both SAVTA and GPLA.

## Class 202:

# DESK & UTILITY LOCK SERVICING

Thursday, September 29, 2022

NJ State Certified  
8.0 CEU Class

Cost: \$165.00 thru August 26, 2022  
\$208.00 after August 26, 2022

8:00 AM to 5:00 PM

**Instructors: John Truempy, CFL, CRL, CMIL, ICML, IFDI, LSFDI & Vernon Kelley, CFDI, CFL, CPL, CMIL, ICML, IFDI, LSFDI**

This is a 1-day course for locksmiths of any skill level. This class demonstrates methods of servicing various types of desk, furniture and utility locks, including: cams, breaker panels, T & L handles, file cabinet and many others. Methods of installation, bypass and first-key generation will also be covered. While this class has some hands-on servicing, students should also come prepared to take detailed notes!

NJ Locksmiths will receive an 8 CEU certificate for their 2025 NJ State Locksmith License renewal. Students must bring their NJ State License to class to receive their CEUs.

A GPLA certificate suitable for framing will be awarded to each student.

### **About the instructors:**

**John Truempy, CFL, CRL, CMIL, ICML, IFDI, LSFDI**, was practically born into locksmithing. As an author, he has written numerous books focusing on practical and unconventional applications for master key systems. As an instructor, he's taught a wide array of subjects on fundamental and advanced locksmithing techniques, investigative locksmithing and master keying. John is the first president of ALOA Institutional Locksmiths and president of the ALOA Scholarship Foundation. John is the owner of Lounging Lizard Publishing and is co-owner of [LocksmithCommunity.com](http://LocksmithCommunity.com). John is also a recipient of the Lee Rognon Award and the Robert Gress Award.

**Vernon Kelley, CFDI, CFL, CPL, CMIL, ICML, IFDI, LSFDI**, has been involved in the locksmith & security industry since 1989, and is a New Jersey licensed locksmith. A noted instructor and author, he's co-author of the book *Institutional Lock Shop Management*. Vernon is currently the first trustee of ALOA Institutional Locksmiths and secretary for the ALOA Scholarship Foundation. He's the recipient of the AIL Influential Leader Award, the Robert Gress Award and the prestigious Lee Rognon Award. Vernon is the supervisor of access control at The College of New Jersey.

## **Class 203:**

# **Kaba/Ilco Advanced Diagnostics™ Auto Transponder Systems**

**Thursday, September 29, 2022**

**Cost: \$165.00 thru August 26, 2022  
\$208.00 after August 26, 2022**

**8:00 AM to 5:00 PM**

**Instructor: Elton Taleno – Kaba/Ilco**

Automotive key servicing and generation is one of the most profitable segments of our industry! If you are new to the industry or simply looking for a way to offer a more complete level of vehicle key programming services, this comprehensive 8-hour product presentation is for you! Geared towards entry and intermediate level end users, students attending this class will gain a greater understanding of automotive transponders systems servicing. This will be accomplished with a combination of classroom lecture, handouts and some basic hands-on demonstrations.

Topics covered will include: Smart Pro Key Programmer review, transponder key identification, basic vehicle system review, transponder chip identification, cloning vs programming transponder keys, key machine review, My Keys Pro platform review, key programming accessory review, equipment management and business development tactics, industry applications and resources, hands-on programming demonstration, current resources and application, Smart Pro updates and latest capabilities, Futura Pro key cutting review and hands-on demonstration, latest advancements in cloning capabilities with RW4 Plus & M-Box, popular vehicle programming hands-on demonstration, programming & key cutting equipment and more

A GPLA certificate suitable for framing will be awarded to each student.

### **About the instructor:**

**Elton Taleno** is a Product, Eastern Region Sales Representative at Kaba Ilco based in Rocky Mount, North Carolina.

## **Class 301:**

### **LOCKSMITHING SKILLS – LOCK PICKING AND BASIC MASTER KEYING**

**Friday, September 30, 2022**

**Cost: \$165.00 by August 26, 2022  
\$208.00 after August 26, 2022**

**8:00 AM to 5:00 PM**

**Instructor: Russell Davies, CPS**

The first part of this class will focus on lock picking. Lock picking is considered to be one the hallmark skills of the locksmith, and yet is frequently successful due more to luck than technical proficiency and knowledge of the underlying fundamentals. In this accelerated class, students will gain a better understanding of how to increase their speed and success rate through detailed instruction on cylinder construction, keyway recognition, tool selection, pin counting, pin testing, reading pins, lock tumbler mechanisms, picking techniques, and pick resistant tumblers. Previous lock picking instruction is not necessary, but a knowledge of basic locksmithing is required.

The afternoon session will cover basic master keying. Master keying has been one of the locksmith mystic wonders. Students will gain a better understanding of the various types of keying systems. Positional, permutations, rotating constants and control pins will all be demonstrated and students will learn to plan ahead to avoid common mistakes and pitfalls. The class will also cover working in unexpected expansions or upgrades.

A GPLA certificate suitable for framing will be awarded to each student.

#### **About the instructor:**

**Russell Davies, CPS** began his locksmithing career in 1987 as an apprentice working for David Carr Locksmiths in Australia. In 1989 he took a job with CHUBB Australia, where he worked his way up to the title of Senior Locksmith and was responsible for the servicing, repair, manufacture and installation of security equipment for all levels of Government Agencies in Australia. Mr. Davies also attended police academy and served as a police constable in the Western Australia Police Service, as well as working for the Attorney General's "D" Branch, Australian Capital Territory, Canberra, Australia as a Senior Technical Operations Officer. In 2007, Mr. Davies moved to the United States where he worked for various government and law enforcement agencies teaching numerous locksmith trade-related classes, including lock picking, before founding TAG 5 Industries, LLC, a manufacturer of lockpick sets, and opening Erie Lock & Safe in Erie, PA.

## Class 302:

# CORBIN RUSSWIN CYLINDER & REMOVABLE CORE SERVICING

Friday, September 30, 2022

NJ State Certified  
8.0 CEU Class

Cost: \$165.00 by August 26, 2022  
\$208.00 after August 26, 2022

8:00 AM to 5:00 PM

**Instructors: John Truempy, CFL, CRL, CMIL, ICML, IFDI, LSFDI &  
Vernon Kelley, CFDI, CFL, CPL, CMIL, ICML, IFDI, LSFDI**

With company roots dating back to 1839, Corbin Russwin (CR) key systems can be difficult to understand. This course will help the student solve those keying mysteries. We'll cover the history of CR and the development of their numerous keying systems. Exercises include determining the correct keying system to use when servicing cylinders, how to calculate pinning for removable core products, and servicing master ring cylinders.

NJ locksmiths will receive an 8.0 CEU certificate for their 2025 NJ State Locksmith License renewal. Students must bring their NJ State License to class to receive their CEUs.

A GPLA certificate suitable for framing will be awarded to all students.

### **About the instructors:**

**John Truempy, CFL, CRL, CMIL, ICML, IFDI, LSFDI**, was practically born into locksmithing. As an author, he has written numerous books focusing on practical and unconventional applications for master key systems. As an instructor, he's taught a wide array of subjects on fundamental and advanced locksmithing techniques, investigative locksmithing and master keying. John is the first president of ALOA Institutional Locksmiths and president of the ALOA Scholarship Foundation. John is the owner of Lounging Lizard Publishing and is co-owner of [LocksmithCommunity.com](http://LocksmithCommunity.com). John is also a recipient of the Lee Rognon Award and the Robert Gress Award.

**Vernon Kelley, CFDI, CFL, CPL, CMIL, ICML, IFDI, LSFDI**, has been involved in the locksmith & security industry since 1989, and is a New Jersey licensed locksmith. A noted instructor and author, he's co-author of the book *Institutional Lock Shop Management*. Vernon is currently the first trustee of ALOA Institutional Locksmiths and secretary for the ALOA Scholarship Foundation. He's the recipient of the AIL Influential Leader Award, the Robert Gress Award and the prestigious Lee Rognon Award. Vernon is the supervisor of access control at The College of New Jersey.

## **Class 303:**

# **THE COMPLETE DOOR CLOSER**

**Friday, September 30, 2022**

**Cost: \$165.00 by August 26, 2022  
\$208.00 after August 26, 2022**

**8:00 AM to 5:00 PM**

**Instructor: Bill Deahl**

This comprehensive class will take your knowledge of door closers to the next level! Topics to be covered include: door closer types, applications, mounting requirements and other requirements for doors with closers; code information affecting closer requirements including: Americans with Disabilities ACT (ADA) closer requirements, NFPA 80 code requirements for fire doors, building code door closer requirements, mechanical code requirements regarding closers, fire door regulations regarding venting (louvers) in fire doors and automatic door requirements. Additionally, installation techniques & tools will be covered for the following: parallel arm, regular arm, top jamb, floor closers and narrow-style overhead glass door closers, including marking the frame, drilling the door, mounting the closer and adjusting closers to meet sweep and latch requirements, closer opening pressure to comply to ADA, suggested extra parts to have in a kit for servicing closers.

A GPLA certificate suitable for framing will be awarded to each student.

### **About the instructor:**

William A. "Bill" Deahl has been teaching locksmithing since 1975. His background in locksmithing began in 1961, where he spent weekends & evenings working in his father's lock shop until 1971. In 1971 he began working full-time for Magnolia Park Lock Shop in Burbank, CA and then took over the shop from 1974 through 1984. During this time, he received an Advanced Journeyman Certificate in Locksmithing from the State of California (Los Angeles Unified School District) in 1975, one of only 11 issued in total. Bill also earned a Lifetime College Teaching Credential 1975. Additionally, he has work from 1973-1974 for Falcon Lock Company in the keying department, started The Parts House - a part distributor for the lock industry, worked for LAUSD as a Hardware Specification Writer, Assistant Supervisor Lock Department & Hardware Inspector, Inspection Section until he retired in 2009. In 2018, Bill started Deahl Designs & Manufacturing, a locksmith distributor and hardware design company.

## Class 304:

# ADVANCED ELECTRICAL SYSTEM WIRING & TROUBLESHOOTING -and- LEVEL 3 WIRING AND CIRCUITS

Friday, September 30, 2022

NJ State Certified  
Total 8.0 CEU.S

Cost: \$165.00 thru August 26, 2022  
\$208.00 after August 26, 2022

8:00 PM to 5:00 PM

**Instructor: Russ Anderson**

The first half of this combination class is designed for participants with previous basic electronic knowledge and use of a multimeter. Covered in this course are advanced access control and system wiring techniques, installation and product troubleshooting. The class includes instructional and hands-on exercises covering the following subjects: • fire alarm interface • fail safe lock system wiring • fail secure lock system wiring • basic system trouble shooting - using multi-meter • wiring trouble shooting - what you should test • DK-26 and power supply trouble shooting • magnetic lock and electric strike troubleshooting • touch sense bar troubleshooting

The second half of this class will cover: basic understanding of the power supply and setting up the electric circuit using a load calculator, creating an Operations Narrative in conjunction with a wiring diagram, setting up advanced wired systems and product troubleshooting. The class includes instructional and hands-on exercises covering the following subjects: power supply circuits • load calculator • operational narrative • creating wiring diagrams • review of voltage • amperage and resistance with a multi-meter • series vs. parallel wiring • DK-26 and the AQD6 power supply • magnetic locks and electric strike setup and wiring • basic access control systems troubleshooting.

NJ locksmiths will receive **two** separate 4.0 CEU certificates for their 2025 NJ State Locksmith License renewal.

*Students must bring their NJ State License to class to receive their CEUs.*

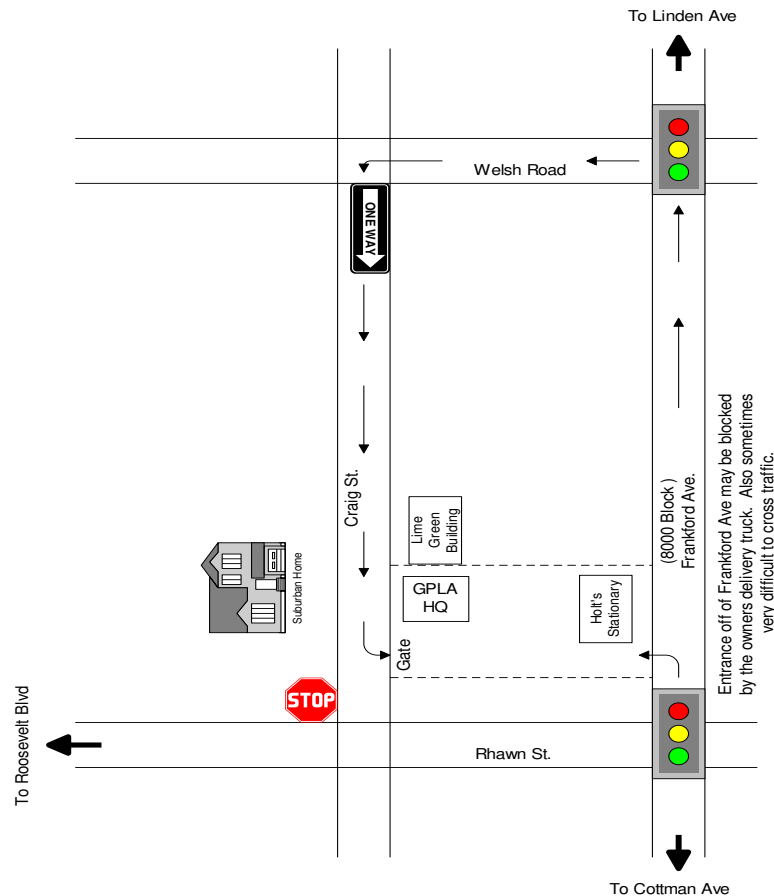
A GPLA certificate suitable for framing will be awarded to each student.

### **About the instructor:**

Russ Anderson is a Technical Product Trainer with ASSA ABLOY and has been with ASSA ABLOY for nine years now instructing locksmiths, integrators, architects, sales persons and facility managers globally in installation, solution selection and troubleshooting access control solutions. Prior to ASSA ABLOY, Mr. Anderson served in the United States Air Force for 24 years as a Superintendent of Life Support and Escape Technology. He is a certified ACE instructor with ALOA and holds Masters Degrees in Business and Education.



**GPLA Headquarters**  
8013 Craig Street  
Philadelphia, PA 19136



From I-95 North or South: Take exit 30 Cottman Avenue. Follow Cottman Avenue approx. 1 mile, make right onto Frankford Avenue. Follow Frankford Avenue approx. 0.9 miles, make left onto Welsh Road. Make left at next intersection onto Craig Street. GPLA Headquarters is  $\frac{3}{4}$  of the way down the block on the left.

**PLEASE NOTE:** GPLA Headquarters is approximately 23 miles from the Clarion Hotel Philadelphia International Airport. For anyone wishing to get a room for Tuesday night closer to GPLA Headquarters, we recommend the Four-Points by Sheraton at 9461 Roosevelt Blvd in Philadelphia, which is about 3 miles from our HQ. Their phone number is: 215-671-9600.

Another option is the Holiday Inn Express at 1329 Bristol Pike in Bensalem, PA, which is about 5 miles away from our HQ. They can be reached at: 215-245-5222.

GPLA has not blocked any rooms at these hotels, nor made any arrangement with them for room pricing.