



2024 LAS VEGAS

TRANSFORM YOUR FUTURE

**South Point
Hotel & Casino**

Classes
JULY 22-26, 2024

Security Expo
JULY 27-28, 2024
SATURDAY & SUNDAY

ALOA

2024 LAS VEGAS

TRANSFORM YOUR FUTURE



Come build a site map for your career at the industry's premier event. ALOA 2024 in Las Vegas is where you can be taught about the latest technology through five days of hands-on classes, two days of the Security Expo and countless unscheduled learning opportunities in between.

Join us at the South Point Hotel & Casino for unparalleled networking. The connections you make at ALOA 2024 will help you develop the components for a brighter future!

The Future Is in Your Hands at ALOA 2024

Contact conventions@aloea.org or (214) 819-9733 for questions.



At a Glance

Classes

Monday, July 22 – Friday, July 26

ALOA Security Expo

Saturday, July 27

10:00 a.m. to 4:00 p.m.

Sunday, July 28

10:00 a.m. to 4:00 p.m.

Plan to attend two full weekend days at the Security Expo to see the latest in security technology, meet with suppliers one-on-one and take advantage of show specials. Stay all day for a chance to win one of the hourly prize drawings for attendees, including a full registration package to ALOA 2025 in Orlando!

All members of ALOA and divisions may register to attend exhibits for free until June 30, after which the on-site rate applies.



South Point Hotel & Casino
 9777 Las Vegas Boulevard South
 Las Vegas, Nevada 89183
 702-797-8901





Schedule Summary

Sunday, July 21

2:00 p.m. – 5:00 p.m.Pre-registration

Monday, July 22

7:00 a.m. – 5:00 p.m.Registration

7:15 a.m.First-Time Attendee Orientation

8:00 a.m. – 5:00 p.m.Classes

Tuesday, July 23

7:30 a.m. – 5:00 p.m.Registration

8:00 a.m. – 5:00 p.m.Classes

Wednesday, July 24

7:30 a.m. – 5:00 p.m.Registration

8:00 a.m. – 5:00 p.m.Classes Lunch Brought to You by



6:00 p.m. – 10:00 p.m.PRP/STPRP Test Sitting

(No late entry. Doors lock at 6:00 p.m. ID required for entry.)

Thursday, July 25

7:30 a.m. – 5:00 p.m.Registration

8:00 a.m. – 5:00 p.m.Classes Lunch Brought to You by



6:30 p.m.Women in Locksmithing Reception

Sponsored by



Friday, July 26

7:30 a.m. – 5:00 p.m.Registration

8:00 a.m. – 5:00 p.m.Classes Lunch Brought to You by



5:30 p.m.State of the States Meeting

5:30 p.m.IAIL Meeting

6:00 p.m.AIL Meeting

6:30 p.m.IAAL Meeting

7:00 p.m.Kick-Off Party Sponsored by



Saturday, July 27

7:30 a.m. – 4:00 p.m.Registration

8:30 a.m.ALOA Membership Meeting

10:00 a.m. – 4:00 p.m.SECURITY EXPO

6:00 p.m.Ambassador and International Reception (By Invitation Only)

Sponsored by



ASSA ABLOY

Sunday, July 28

7:00 a.m.Keys Square Club Breakfast (By Invitation Only)



7:30 a.m.CML Breakfast

8:30 a.m. – 2:00 p.m.Registration

10:00 a.m. – 4:00 p.m.SECURITY EXPO

Travel & Host City

Hotel & Parking

South Point Hotel & Casino

9777 Las Vegas Boulevard South

Las Vegas, Nevada 89183

Rate: \$80/night + 13% tax + \$18 Resort Fee

Sunday–Thursday

\$125/night + 13% tax + \$18 Resort Fee

Friday and Saturday

Check-in time: 3 p.m; Check-out time: 12 noon

Parking is complimentary

Reservation Cutoff Date: June 30

Book online at ALOA.org via the hotel link on the Convention page, or call (866) 791-7626 and reference group name “ALOA.”

BOOK EARLY! HOTEL WILL SELL OUT!

Amenities include complimentary in-room WiFi, free fitness center access, complimentary airport shuttle (based on availability), in-room mini fridge and coffee maker. There is 24-hour business center computer access.

Please disregard calls or emails from housing companies asking you to book through them.

Need Help Before Arrival?

If you have any questions, concerns or special needs, please call (214) 819-9733, Monday-Friday, 9:00 a.m. to 5:00 p.m. (CST).

Dress Code

Attendees are encouraged to dress professionally for all events to maintain a positive impression of the security industry.



Privacy Policy

By registering, you agree to allow ALOA to maintain your information in our database and receive information about our events and solicitations from exhibitors. All information will be maintained in accordance with ALOA's published privacy policies found at www.ALOA.org. Requests for removal or correction of data should be submitted in accordance with the published privacy policies.

ALOA 2024 is a private event for the benefit of ALOA and its members. Admission to the Exhibit Hall and educational programs shall be limited to registrants and guests invited by ALOA. ALOA reserves the right to deny admission to any person. ALOA 2024 attendees may be photographed while attending classes, the Security Expo and related events. Attendees **MUST** request permission at Registration to carry cameras onto the floor. Attendees **MUST** have exhibitors' permission to take pictures of their booth or products at the Expo.

Registration Policies

Registration Options and ALOA Member Discounts

There are several options available to register for ALOA 2024.

ONLINE: Go to www.ALOA.org and click on the ALOA Convention tab to register. Choose the ALOA 2024 Convention and then enter your email on the first screen, and that will bring your information up for you to confirm. Your membership must be current to receive the discounted pricing. If your record does not display with your email, please call the ALOA office to confirm your membership information and number.

EMAIL/MAIL/FAX: All forms must be filled out completely and legibly. Please print or type all information. If the forms are not legible, there may be a delay in processing your registration. Be sure to list:

- ALOA membership number, if you are a member
- Complete address on all forms
- Phone number, including area code
- Email address

If registering for classes, please be sure you have filled out all appropriate sections completely, including your alternate choices. **Be sure to answer the food allergy and event attendance questions.**

Cancellation of Classes

ALOA reserves the right to cancel any class that does not meet a minimum number of registrants.

New Membership

All applicants for ALOA membership may use the ALOA member discounted registration fee if their application is received by June 30, 2024, with full payment. New member applications will be accepted on-site at the convention, but membership rights or privileges will not be awarded until after applications are approved.

Payment

All payments to ALOA must be in U.S. funds and made by check, money order or charged to your MasterCard, VISA, American Express or Discover Card. Any charge received with an invalid card number or an amount over the credit limit will result in a delay in processing the registration. *Effective 2/1/2024, there will be a 3% surcharge on all credit card payments.*

Upon receiving a check returned to ALOA for insufficient funds, registration will automatically be cancelled and will not be reinstated until a money order or cashier's check is received as replacement. This may result in the loss of original registration choices. There will be a \$40 service charge on all returned checks.

ALL PRE-REGISTRATIONS MUST BE PRE-PAID IN FULL.

Government/Institutional Payment

Government/institutional purchase orders are acceptable. However, these types of registrations cannot be submitted online; only by remitting to us by email, mail or fax. The applicant must provide a \$50 deposit at the time of registration by June 30, 2024.

If paying via a government/institutional purchase order, \$50 will not be refundable if the individual cancels his/her registration after June 30, 2024.

Admittance to the Security EXPO

Education packages include admission to both days of the ALOA 2024 Security Expo. Free for children under 5 years old. The fee for children ages 6-15 to the Security Expo is \$5, or \$10 after June 30. An adult must accompany anyone under the age of 16.

Exhibits Only

ALOA and SAVTA members can register to attend the Exhibits for free until June 30. After that date, the rate will be \$20.

Monday, July 22	Tuesday, July 23	Wednesday, July 24
8:00 a.m. to 5:00 p.m.	8:00 a.m. to 5:00 p.m.	8:00 a.m. to 5:00 p.m.
101 Fundamentals of Locksmithing (Day 1 of 5)	201 Fundamentals of Locksmithing (Day 2 of 5)	301 Fundamentals of Locksmithing (Day 3 of 5)
102 Servicing Aluminum Storefront Doors	202 All About Exit Devices	302 Breaking & Entering
103 Electronic Safe Lock	203 SecuRam Electronic Safe Locks	303 S&G Electronic Safe Locks
104 Cam and Cabinet Lock Servicing	204 Basic Master Keying	304 Advanced Master Keying (Day 1 of 2)
105 Investigative Locksmithing (Day 1 of 2)	205 Investigative Locksmithing (Day 2 of 2)	305 Photography For Locksmiths
106 Auto Essentials	206 Intermediate Domestic Auto	306 Intermediate Foreign Auto
	207 Get to Know Your OBD Connector and How to Diagnose It	307 Fundamental Soldering for Automotive Applications
	208A Access Control Made Easy (AM) HALF DAY	308 Mercedes Benz 3-Day Locksmith Workshop (Day 1 of 3)
	209 Spiking Electronic Locks	309A Lishi (AM) HALF DAY
	210 Medeco3/X4 Factory Certification Class	309P Automotive Tips & Tricks (PM) HALF DAY
	211 Professional Lock Picking	310 Medeco Intelligent Key (IK) Factory Certification
	212 SFIC - Small Format Interchangeable Core	311 Simplex Manipulation
	213 Basic Forensic Tool Marks for Investigative Locksmiths	312 HS High Security Cylinder Servicing
	214 Hardware Installation and Repair - Fundamental Skills (Day 1 of 2)	313 Advanced Forensic Tool Marks For Investigative Locksmiths
	215 Access Control: Beyond the Panels (Day 1 of 3)	314 Hardware Installation and Repair - Fundamental Skills (Day 2 of 2)
	216A Customer Service Techniques (AM) HALF DAY	315 Access Control: Beyond the Panels (Day 2 of 3)
	216P Storefront & Retail Sales (PM) HALF DAY	316 CAI Instructor Course (Day 1 of 3) ALA CARTE
	217 Basic Electricity and Access Control (Day 1 of 2)	317 Basic Electricity and Access Control (Day 2 of 2)
		PRP Exam 6:00 p.m. - 10:00 p.m.
	Investigative Track	Electronic Track
	105/205 Investigative Locksmithing	208A Access Control Made Easy (AM) HALF DAY
	213 Basic Forensic Tool Marks for Investigative Locksmiths	215/315/415 Access Control: Beyond the Panels
	305 Photography For Locksmiths	217/317 Basic Electricity and Access Control
	313 Advanced Forensic Tool Marks for Investigative Locksmiths	515 Practical Computer Networking
	412 Active Intruder Security and Fire Codes	
	413 How to Prepare to be a Forensic Investigator	

Class Tracks

If you're interested in a certain type of education, use these tracks to select your classes. Pick only one full-day class per day.

Automotive Track

- 106** Auto Essentials
- 206** Intermediate Domestic Auto
- 207** Get to Know Your OBD Connector and How to Diagnose It
- 306** Intermediate Foreign Auto
- 307** Fundamental Soldering for Automotive Applications
- 308/408/508** Mercedes Benz 3-Day Locksmith Workshop
- 309A** Lishi (AM) **HALF DAY**
- 309P** Automotive Tips & Tricks (PM) **HALF DAY**
- 406** Ilco/Advanced Diagnostics Product Master Class
- 407** Honda High Security Locking Systems - Servicing and Repairs
- 409** Modern Auto Key Generation
- 410/510** Revolutionize Your Automotive Expertise
- 506** Transponders and Microcontrollers
- 507** Asian Automotive Locking Systems - Servicing & Repairs
- 509** History of High Security/STRATTEC Update/Pinning of Internal 2-Track Locks

Investigative Track

- 105/205** Investigative Locksmithing
- 213** Basic Forensic Tool Marks for Investigative Locksmiths
- 305** Photography For Locksmiths
- 313** Advanced Forensic Tool Marks for Investigative Locksmiths
- 412** Active Intruder Security and Fire Codes
- 413** How to Prepare to be a Forensic Investigator

PRP Exam
6:00 p.m. - 10:00 p.m.

Electronic Track

- 208A** Access Control Made Easy (AM) **HALF DAY**
- 215/315/415** Access Control: Beyond the Panels
- 217/317** Basic Electricity and Access Control
- 515** Practical Computer Networking



Thursday, July 25		Friday, July 26	
8:00 a.m. to 5:00 p.m.		8:00 a.m. to 5:00 p.m.	
401	Fundamentals of Locksmithing (Day 4 of 5)	501	Fundamentals of Locksmithing (Day 5 of 5)
402	Door Closers and Related Hardware	502	Hollow Metal Doors and Frames
403	LA GARD Electronic Safe Service	503	Tecnosicurezza Safe Locks
404	Advanced Master Keying (Day 2 of 2)	504	Special Topics in Advanced Master Keying
405	Introduction to Safe Drilling (Day 1 of 2)	505	Introduction to Safe Drilling (Day 2 of 2)
406	Ilco/Advanced Diagnostics Product Master Class	506	Transponders and Microcontrollers
407	Honda High Security Locking Systems - Servicing and Repairs	507	Asian Automotive Locking Systems - Servicing & Repairs
408	Mercedes Benz 3-Day Locksmith Workshop (Day 2 of 3)	508	Mercedes Benz 3-Day Locksmith Workshop (Day 3 of 3)
409	Modern Auto Key Generation	509	History of High Security/STRATTEC Update/Pinning of Internal 2-Track Locks
410	Revolutionize Your Automotive Expertise (Day 1 of 2)	510	Revolutionize Your Automotive Expertise (Day 2 of 2)
411	Electronic Safe Lock Servicing	511	Principles of Safe Manipulation
412	Active Intruder Security and Fire Codes	512	AFDI ALOA Fire Door Inspector Training and Exam
413	How to Prepare to Be a Forensic Investigator		
414A	Perfect Raceway - Intertek Certification (AM) HALF DAY ALA CARTE	514	Building and Managing a Successful Retail Locksmith Store
414P	DETEX Exit Device Hands-On Installation and Trouble-Shooting (PM) HALF DAY		
415	Access Control: Beyond the Panels (Day 3 of 3)	515	Practical Computer Networking
416	CAI Instructor Course (Day 2 of 3)	516	CAI Instructor Course (Day 3 of 3)
417	Mechanical Safe Lock Servicing	517	Electronic Safe Lock Installation, Programming & Opening

Fundamentals Track

101-501 Fundamentals of Locksmithing

Business Track

216A Customer Service Techniques (AM) **HALF DAY**
 216P Storefront & Retail Strategies (PM) **HALF DAY**
 514 Building and Managing a Successful Retail Locksmith Store

Registration Hours

Sunday, July 21
 2:00 p.m. - 5:00 p.m.
 Monday, July 22
 7:00 a.m. - 5:00 p.m.
 Tuesday, July 23–Friday, July 26
 7:30 a.m. - 5:00 p.m.
 Saturday, July 27
 7:30 a.m. - 4:00 p.m.
 Sunday, July 28
 8:30 a.m. - 2:00 p.m.

Personal Safety and Security

ALOA works diligently to provide a safe and secure environment at its meetings and events by working with venue staff to make sure meeting participants are safe. We ask that all attendees report any questionable or concerning activity to ALOA staff so that they can take immediate action.

- Be aware of your surroundings at all times.
- Don't wear your meeting badge on the street.
- Don't carry a lot of cash or credit cards.
- Don't leave personal property unattended.

If in an emergency or if you need immediate assistance, you should ask any ALOA staff member or the on-site security personnel to help you.

Safe & Vault Track

- 103 Electronic Safe Lock
- 203 SecuRam Electronic Safe Locks
- 209 Spiking Electronic Locks
- 303 S&G Electronic Safe Locks
- 403 LA GARD Electronic Safe Service
- 405/505 Introduction to Safe Drilling
- 411 Electronic Safe Lock Servicing
- 417 Mechanical Safe Lock Servicing
- 503 Tecnosicurezza Electronic Safe Locks
- 511 Principles of Safe Manipulation
- 517 Electronic Safe Lock Installation, Programming & Opening



Monday, July 22

7:15 a.m. First-Time Attendee Orientation

Wednesday, July 24

6:00 p.m. - 10:00 p.m. PRP/STPRP Test Session
See pages 28 and 29 for choices and pricing. Must be registered before June 30.

Thursday, July 25

6:30 p.m. Women in Locksmithing Reception sargent & greenleaf.

Friday, July 26

5:30 p.m. State of the States

5:30 p.m. IAIL Meeting

6:00 p.m. AIL Meeting

6:30 p.m. IAAL Meeting

7:00 p.m. KICK-OFF PARTY KEY INNOVATIONS

Saturday, July 27

8:30 a.m. ALOA Membership Meeting

10:00 a.m. to 4:00 p.m. SECURITY EXPO

6:00 p.m. Ambassador and International Reception medeco ASSA ABLOY
By invitation only

Sunday, July 28

7:00 a.m. Keys Square Club Breakfast
By invitation only

7:30 a.m. CML Breakfast

10:00 a.m. to 4:00 p.m. SECURITY EXPO

Thank You to the Sponsors of ALOA 2024!





Note: The deadline for all PRP/STPRP registrations is June 30, 2024.

Certificates of Training

Certificates of Training with the CEUs (Continuing Education Units) listed are given to all registered students in classes that are offered at ALOA.

Tools or Lab Fees

Be sure to read the class description for the tools and materials needed for each class. Some classes may have **(R) Required Lab Fees, (O) Optional Lab Fees** or **(P) PRP Optional Class Elective Tests** at the end of the class day before 5 p.m.

Class Elective Exam Testing

The testing is experienced based on your cumulative knowledge of that subject at that time. Instructors teach the work, not the test.

Proficiency Registration Program

The Proficiency Registration Program testing session will be given from 6:00 to 10:00 p.m. on July 24. Pre-registration is required for the testing. The deadline for receipt of the PRP registration is June 30. Due to time constraints in developing the test packets, no exceptions will be made for late requests. The ALOA PRP/STPRP testing will be held for all levels of locksmith certifications.

The SafeTech STPRP testing will be available at ALOA 2024. There are two levels to the STPRP. To achieve the first-level certification, CPS (Certified Professional Safe Tech), you must pass a written examination consisting of 17 mandatory categories on safe and vault technology.

To become a CMST (Certified Master Safe Technician), you must first pass the CPS (Certified Professional Safe Tech) as well as the CMST examination.

To take any of the PRP/STPRP examinations, your registration forms and payment must be received by ALOA by June 30, 2024.

SECURITY EXPO EXHIBITORS

(as of March 27, 2024)

- | | |
|--|-------------------------------------|
| Allegion
(Schlage-IngersolRand) | Lock Labs |
| ALOA SPAI | Lockmasters, Inc. |
| ALOA Scholarship
Foundation | Locksmith Ledger |
| American Key Supply | Lucky Line Products |
| American Security
Products (AMSEC) | Master Lock Company |
| ASSA Inc. (ASSA Technical
Services) | Master Professional Picks |
| ASSA Abloy | Miwa Lock |
| Banner Solutions/HL Flake | Mul-T-Lock USA Inc. |
| Blackhawk Products | Napco Security
Technologies Inc. |
| Blue Dot Safes | OBDSTAR Technology |
| Bullseye | Pacific Lock Company |
| Camden Door Controls | Professional Business
Products |
| CLK Supplies | Pulsar Alarm Systems |
| CompX Security Products | Sargent & Greenleaf/
Stanley |
| Deister Electronics | SECLOCK |
| DETEX Corporation | Secure-T Agency STA |
| dormakaba | Security Door Controls |
| Dynamark Manufacturing | Select Hinges |
| Framon Manufacturing/
Blue Dog Keys | Shenzhen Changguang
Technology |
| GAAB Locks | Smart Box Technology |
| General Lock | Southern Lock & Supply
Co. |
| Hollon Safe | Southwest Automated |
| HPC/Hudson Lock | STRATTEC Security Corp. |
| IDN Global | Texas Locksmith
Association |
| IML Security Supply | Top Notch Distributors |
| Key-Bak | Transponder Island |
| Key Innovations | UHS Hardware |
| KeyLine USA | Unison Hardware |
| KSP - Killeen Security
Products | Wesco/Anixter |
| Locinox USA | X-Horse |



Tracks

Before the class description in a round circle, you'll see a colored icon noting the "track." These icons, described below, are designed to help those new to the industry and anyone looking to determine what value a class has in relation to the type of work they do.

G General Locksmithing. Good classes for beginners, those new to the industry and those needing refresher information.

I Institutional Locksmithing. Geared toward on-staff security professionals in facilities ranging from schools, office complexes and municipalities to healthcare facilities.

A Automotive Locksmithing. Designed for those who specialize in automotive locksmithing or those who do auto work as a general part of their business.

S Safe/Vault Technician. Geared toward the technician who works on safes and vaults and the special problems encountered with those items.

E Electronic Locksmithing. Designed for one of the fastest-growing segments of our industry: those working on alarms, access controls and locking systems that don't always incorporate a physical key.

IV Investigative Locksmithing. While all classes are good for the investigative locksmith, as they add to the knowledge needed to examine and testify, these classes are of particular interest and/or part of the required training to sit for the Certified Forensic Locksmith (CFL) certification.

B Business/Sales/Marketing. While we all may be gifted and talented hands-on technicians, the one place we all may need help in is hearing other views of operating a business.

Content Level

Content level is listed next to the instructor name in the triangle shape and is an indicator of their recommendations to the the content level of class.

F Fundamentals **I Intermediate** **A Advanced**

Lab Fees

Lab fees are coded to match the item(s).

R = Required O = Optional

P = PRP Optional Class Elective Test

There is a \$25 fee to change classes on-site. If you need assistance, call (214) 819-9733.

MONDAY, JULY 22
8:00 A.M. TO 5:00 P.M.

101-505: Fundamentals of Locksmithing (Day 1 of 5) **F**

Christopher Chase, CML, CAI, LSFDI, and Josh Lloyd, CRL
50% Lecture/50% Hands-On

Class Limit: 20

101R Lab Fee - REQUIRED: \$180 for Fundamentals Kit

101O Lab Fee - OPTIONAL: \$168 for Locksmithing 101 Book

101P Lab Fee - OPTIONAL: \$40 for AFL exam (ALOA Fundamental Locksmith) or CLL (Certified Licensed Locksmith) tests at end of class.

G I This comprehensive five-day course in fundamental locksmithing techniques provides a basic, hands-on overview of locks and security-related hardware. Working with provided locksmithing equipment, the student will develop basic locksmithing skills, including identification of common key blanks, use and adjustment of key-cutting equipment – including duplicators and code cutting machines – and will disassemble service and originate keys for common lock cylinders using methods such as shimmiing, picking and impressioning. Discussion topics will include life safety codes and the ADA, design and implementation of simple master key systems and service techniques for popular cylinders and locksets as well as lockset functions and finishes. Upon completion of the course, the student should have the knowledge required to function as an apprentice locksmith performing basic locksmith tasks. Students will also have the option of purchasing the study guide, Locksmithing 101. You will also have the option of taking the ALOA Fundamental Locksmith (AFL) exam at the end of class for a fee of \$40. Please mark the 101P Lab Fee if you wish to take the AFL or CLL exam. If students pass the exam, they will receive an AFL designation or CLL certificate in the mail. The required fee for the Fundamentals Kit is for practice in class and also for the students to retain afterward.

102: Servicing Aluminum Storefront Doors **F**

Dave Thielen, CML, CHI, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 35

102O Lab Fee - OPTIONAL: \$186 Aluminum Stile Door Service and Repair book By Jake Jakubowski

G Be taught about aluminum storefront doors and frames and their unique hardware. Door and frame construction, locks, closers, pivots, hinges and other hardware will be presented with an emphasis on installation, servicing, adjustments and retrofitting techniques.

Upgrading and improving security on these doors will also be discussed. Avoiding costly mistakes will be addressed.

Some hands-on experience will be provided. Students are requested to bring a small selection of screwdrivers and Allen wrenches to fully participate in the class.



103: Electronic Safe Lock: Comprehensive Overview Of Components, Programming, Service & Defeat

Philip Sutherland

Class Content: 35% Lecture/65% Hands-On

Class Limit: 20

S E B Class Goals: By the end of this class, you will:

1. Understand the Components of Electronic Safe Locks: Hardware, language and programming
2. Be able to select the correct hardware and lock model for your application
3. Understand lock language – key to successful servicing
4. Understand programmable features to differentiate between lock models
5. Understand servicing, troubleshooting and defeat techniques:

Hands-On Lock Models: (35% Lecture, 65% Hands-on)

- LA GARD: LGBasic, 700Basic
- S&G: 6120, Titan
- SecuRam: SafeLogic Basic, ProLogic L02
- Tecnosicurezza: Pulse, PulsePro

Defeat methods reviewed:

- By-Pass: Little Black Box
- Spiking: Lance Mayhew
- Drilling: drill points

104: Cam & Cabinet Lock Servicing

Ralph J. Forrest-Ball, CML, CAL, CAI, AMKS

Class Content: 85% Lecture/15% Hands-On

Class Limit: 36

B This class covers the most common types of cabinet locks, including pin tumbler and wafer tumbler cam locks; mailbox locks; and tubular key locks. Students will be taught which kinds of locks are easy to service and which kinds are difficult. Topics include ordering the right parts; wood vs. metal installation; maintenance and troubleshooting; picking and other by-pass methods; fitting keys by code; and impressioning. Students may wish to bring small hand tools, such as lock picks, small screwdrivers, needle nose pliers or tweezers, and magnifying specs.

105/205: Investigative Locksmithing (Day 1 of 2)

John D. Truempy, CRL, CMIL, IFDI, CFL, and Vernon Kelley, CPL, CFDI, ICML, IFDI

Class Content: 85% Lecture/15% Hands-On

Class Limit: 20

105R Lab Fee - REQUIRED: \$150 for the investigative locksmithing toolkit and Forensic Locksmith Manual that will be retained by student.

B I IV Prerequisite: Knowledge of basic cylinder construction and servicing methods.

Students with poor vision should bring appropriate magnification equipment suitable for pin tumbler and cylinder examination.

Take your first step to becoming an investigative locksmith, one of the most lucrative disciplines in the industry!

Students will receive instruction on the procedures, processes and concepts surrounding the forensic examination of various locking devices. Student will be taught how to conduct a crime scene search and document the scene. Physical evidence preservation and handling is covered in-depth, along with chain-of-custody principles. Specialized tools-of-the-trade will be reviewed extensively.

Through hands-on instruction, students will be taught how to examine pins to identify tool marks made by various bypass tools. How to properly document your findings using photography and professional report writing will be covered.

Tips to help market your expertise include how to write a curriculum vitae (CV) and how to qualify as an expert witness are covered. A discussion of proper deposition and courtroom decorum is discussed in-depth.

This a required course for anyone interested in increasing their professional profile in the locksmith, legal and insurance industries by becoming an IAIL Certified Forensic Locksmith (CFL).

Students may also bring their own tools if they desire: small Phillips and slotted screw drivers; various picks and rakes; small flashlight; and a small non-metallic mallet.

106: Auto Essentials

Tony R. Cagle II, CRL

Class Content: 75% Lecture/25% Hands-On

Class Limit: 30

106P - OPTIONAL: \$40 for L-03 Domestic Auto Elective

A Whether you are just beginning to delve into the automotive locksmith realm or looking to explore deeper into this most dynamic aspect of our profession, this course has been developed with you in mind. The class will include examples and descriptions of key programmers, remote programmers, various testers' literature, technical manuals, and resources as well as their strengths and weaknesses. The interactive portion of the class will focus on the identification, decoding, and organization of conventional keys and their related transponder systems. You will understand and know how to address common and unusual key problems through interactive modules.

TUESDAY, JULY 23
8:00 A.M. TO 5:00 P.M.

201: Fundamentals of Locksmithing (Day 2 of 5)

See Class 101 description.

202: All About Exit Devices

Dave Thielen, CML, CHI, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 35

2020 Lab Fee - OPTIONAL: \$54 for Door Hardware Basics by Tom Foxwell, RL, AFDI, CAI (This optional Door Hardware Study Guide can be used in the 302: Breaking and Entering, 402: Door Closers and Related Hardware and 502: Hollow Metal Door and Frames classes.)

202P Lab Fee - OPTIONAL: \$40 for L-16 Exit Hardware and Alarms PRP Elective

E A wealth of information will be covered on exit devices, including: types, functions, grades, ratings, options, installations, repairs and servicing. Students will get hands-on experience with a great variety of exit devices to be taught about service, retrofit and troubleshooting. Alarmed exit devices and electronic options will be covered.

203: SecuRam Electronic Safe Locks: Comprehensive Overview of Components, Programming, Service & Defeat

Philip Sutherland

Class Content: 20% Lecture/80% Hands-On

Class Limit: 20

S E Class Goals: By the end of this class, you will:

1. Understand the Components of Electronic Safe Locks: hardware, language and programming
2. Be able to select the correct hardware and lock model for your application
3. Understand lock language – key to successful servicing
4. Understand programmable features to differentiate between lock models
5. Understand servicing, Troubleshooting and defeat techniques:

Hands-On Lock Models: (20% Lecture, 80% Hands-on)

- SafeLogic
- Basic
- C10 Direct Drive
- ProLogic
- L02

Defeat Methods reviewed

1. By-Pass: Little Black Box
2. Spiking: Lance Mayhew
3. Drilling: drill points

204: Basic Master Keying

Ralph J. Forrest-Ball, CML, CAL, CAI, AMKS

Class Content: 85% Lecture/15% Hands-On

Class Limit: 36

204P Lab Fee - OPTIONAL: \$40 for L-30 Basic Master Keying Elective

E IV This class is for beginners who want to understand how split-pin master keying works, from the mechanics of cutting keys by code to pinning locks that work with more than one key. We examine the advantages and disadvantages of master keying, as well as common mistakes and how to avoid them. Students who complete this class will be able to create basic master key systems, know what to do when things go wrong and be prepared for advanced classes. Students should bring whatever small tools they normally use for pinning locks, such as a follower, tweezers or magnifying specs.

205: Investigative Locksmithing (Day 2 of 2)

See Class 105 description.

206: Intermediate Domestic Auto

Tony R. Cagle II, CRL, and Manuel A. Natal, CRL, CMAL, CAI

Class Content: 75% Lecture/25% Hands-On

Class Limit: 21

2060 Lab Fee - OPTIONAL: \$60 for take-home auto locks.

206P Lab Fee - OPTIONAL: \$40 for L-03 Domestic Auto Elective

A This interactive class expounds upon the principles introduced and discussed in Beginning Automotive Locksmithing. This course is a continuation of the assessment, troubleshooting, servicing and key origination of conventional automotive locks. Having touched upon the theoretical aspects of locks and their implied security, in this course we will actively discuss, examine, service and decode a multitude of automotive conventional locks. This will be done initially as one large group and then in small cohesive labs. As an interactive course, it will serve to increase your options when approaching a vehicle and enhance your skills as an automotive locksmith.

207: Get to Know your OBD Connector and How to Diagnose It

Paul Finstrom, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 20

207R Lab Fee - REQUIRED: \$60 for take-home material

A In this class, you will be taught the OBD2 and common problems that automotive security professionals (locksmiths) will run into and how to diagnose them. You will be taught what tools you will need to diagnose the problems and their importance. In this class, you will run through real-life scenarios on Hondas, Fords, Chevrolets, etc. We will be using tools and simulators to implement these scenarios. Plus, we will cover tips and tricks, with answers to your questions.



208A: Access Control Made Easy (AM) **HALF DAY**

Russ Anderson

Class Content: 30% Lecture/70% Hands-On

Class Limit: 20

E E In this course, we will begin with an overview of the site survey of an opening to determine what you should consider, including codes, fire rating, frame type and door type. We will also go over the type of lock operation and how the door should function under certain conditions. The focus is choosing the most correct solution based on customer expectations, opening conditions and function as well as budget. By completing this course, attendees should be able to:

- Identify any underlining factors that may cause an opening not to function properly.
- Identify customer expectations when choosing a solution.
- Identify how to match the proper solution with the opening
- Summarize how certain codes can impact solution selection
- Take in consideration customer budgetary restraints when choosing a solution.
- Perform hands-on application of budget-friendly solutions

209: Spiking Electronic Locks

Lance Mayhew

Class Content: 50% Lecture/50% Hands-On

Class Limit: 16

209R1 Lab Fee A - REQUIRED: \$295 for book. If you do not own, you are required to purchase.

209R2 Lab Fee B - REQUIRED: \$215 for Valkyrie. If you do not own the Valkyrie, you are required to purchase.

209R3 Lab Fee C - REQUIRED: \$25 for probes.

S This class covers how to do electronic safe lock spiking, which can be used to "hot-wire" many locks and open them through the spindle hole. The class is a mixture of hands-on training and conventional classroom instruction. Students will start by building their own probes using the provided tools and materials. Then, during the lecture portion, they will use their new probes as they learn how to spike sample locks in several different ways. We will cover different aspects of electronic locks, including circuit board construction, component identification, spike targets, and the different types of spike circuits and how to use them. LA GARD and SecuRam swingbolts are used to teach the main principles. Other locks will be available for students to practice with if time permits.

Lab Fees – This class requires each student to have their own textbook and Valkyrie in hand on class day. The full Lab Fee applies to students who do not have a textbook and/or Valkyrie, in which case they will be provided, and (along with the probes made in class) are theirs to keep. Students who bring their own textbook and/or Valkyrie will have their Lab Fees lowered accordingly.

210: Medeco3/X4 Factory Certification Class

Clyde Roberson, CML, CMST, CAI, and Peter Field, CAI

Class Content: 40% Lecture/60% Hands-On

Class Limit: 30

E This is a combined and accelerated factory certification class for both Medeco mechanical security technologies – Medeco3 High Security Cylinder systems and Medeco x4-SFIC, LFIC and conventional key control retrofit cylinders, including an overview of the newly launching MedecoB retrofit SFIC cylinder. Students will be taught the design and operation of Medeco technologies, cylinders, interchangeable cores, cam locks and other Medeco specialty cylinders. Hands-on exercises will be used to disassemble and re-assemble a cylinder, decode keys, write pinning sheets, pin cylinders, and fully combinate an M3 cylinder and x4 SFIC. General Medeco master key principles, servicing techniques and tools, key cutting, and an overview of Medeco's full product line and key control solutions will be covered. Time will be available at the conclusion of the class to take the factory certification exams to become Medeco officially factory certified in both technologies.

211: Professional Lock Picking

Harry L. Sher, CML, CPS, CAI

Class Content: 20% Lecture/80% Hands-On

Class Limit: 25

211O Lab Fee - OPTIONAL: \$150 for DAME Video

E I V This class covers the "theory" of picking, and with the goal of students being able to demonstrate to some degree the skill, using the kinds of locks that lend themselves to the technique. For an experienced technician, picking is the fastest and least destructive method of opening a lock. Speed through those lockouts and increase your profits. The student should be familiar with the construction and operation of pin tumbler cylinders, disc tumbler cylinders and terms used in the ALOA Glossary of Terms pertaining to cylinders, keys and master keying.

212: SFIC - Small Format Interchangeable Core

Josh A. Armbruster, CRL, LSFDI, CAI, and Asst. Dennis

Krucinski, CRL, LSFDI, CAI

Class Content: 55% Lecture/45% Hands-On

Class Limit: 20

212R Lab Fee - REQUIRED: \$72 for SFIC Student Manual

212O1 Lab Fee - OPTIONAL: \$78 for SFIC: Advanced - hard copy book by William Lynk, CML, CPS, ICML, CMIL, CAI, M.Ed.

212O2 Lab Fee - OPTIONAL: \$78 for CD-ROM version of SFIC: Advanced by William Lynk, CML, CPS, ICML, CMIL, CAI, M.Ed.

E *Prerequisite: Students should already have an understanding of basic master keying and the ability to pin conventional cylinders.*

Have you ever struggled to calculate the pinning for an SFIC? Perhaps you've needed to service a customer's SFIC system but just didn't know where to start? Maybe you've been asked

to rekey a building full of SFICs but no one has even heard of a control key. In this class, you'll be taught how to handle all of that and much more. SFICs come in a multitude of varieties, and to understand the intricacies of each, you must be taught the basics.

Here, you'll be taught those and more as we examine the different offerings from each manufacturer. There's a lot to learn, which means potential for more profit when performing the work. Sign up and open the door to the world of SFICs.

The optional book, *SFIC: Advanced*, is THE book for anyone who has worked on or now works with SFICs on a regular basis. A true break-through in the SFIC arena, this comprehensive 309-page collection contains never-before printed information on keyway profiles, graphic pin segments for all systems, a new IC pin chart, master keyed control key lists and much, much more!

213: Basic Forensic Tool Marks for Investigative Locksmiths

Beta Tam, AFL, CFL, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 25

213R Lab Fee - REQUIRED: \$120 for class materials

This one-day course in basic tool marks provides a basic understanding of forensic tool mark examination for an investigative locksmith. The course will discuss in detail the definition, classification, formation and variations of common tool marks; using the locks and locksmith tools to produce lock-related tool marks; learning the formation of tool marks when other bypass methods are used; and proper forensic method for preparation, location, examination and documentation of tool marks commonly seen by forensic locksmiths will be covered. Upon completion of the course, the students should have the basic practical knowledge required to perform tool mark examination as a forensic locksmith, and also be able to do documentation of the observation and tests of the said toolmarks. Practical tool mark extraction will be included if time allows.

214/314: Hardware Installation & Repair - Fundamental Skills (Day 1 of 2)

Jaron Sutton, CPS, CAI

Class Content: 60% Lecture/40% Hands-On

Class Limit: 20

214R Lab Fee - REQUIRED: \$84 for tools and materials used in class

Prerequisite: Students should be familiar with basic door hardware servicing and terminology. Students should be comfortable using basic hand tools.

Dive into the essentials of hardware installation and repair with this hands-on course. Gain professional skills and experience using hand and power tools, drill bits, fasteners, and cutting tools through hands-on exercises. Develop key skills in drilling, tapping, measurement and layout while learning to interpret complex installation documents. Tackle common challenges like stripped fasteners, hardware

retrofits and installation errors with confidence. Elevate your installation and repair skills to become the go-to professional problem-solver in any lock hardware scenario. Enroll in this course to sharpen your skills and set yourself apart from your competition.

215/315/415: Access Control: Beyond the Panels (Day 1 of 3)

James Ashley, CMEL, CMST, CFL, CPL, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 16

215R Lab Fee - REQUIRED: \$42 for instructor materials used in class

Prerequisite: Knowledge of basic electricity required.

Don't turn down the electronic lock work! Add it to your locksmith services that you offer! This is a newly updated three-day course with more of the info you'll need in the real world. We'll cover the various aspects, such as what type of cable to use and where, how to do a site survey, choosing the best locking device, reader technologies and when to use them. Then we'll get our hands on some equipment and wire up a small system in class. You'll come away with the confidence you need to dive in the exciting world of electronic access control!

216A: Customer Service Techniques (AM)

HALF DAY

Christopher Meccia, CPL, CAI

Class Content: 85% Lecture/15% Hands-On

Class Limit: 20

Designed to help increase overall profit through understanding customers' needs, this course covers handling calls, providing estimates/pricing, making recommendations, performing service and following up with customers. This class will have you convert estimates, surveys and job pricing calls into sales! This class will be of benefit from those just starting in the business to existing business owners.

216P: Storefront & Retail Strategies (PM)

HALF DAY

Christopher Meccia, CPL, CAI

Class Content: 80% Lecture/20% Hands-On

Class Limit: 20

This course is designed to assist in making retail store displays work for more profit. Make valuable space pay for itself by knowing how to advertise, display, price and get customers to accept recommendations. Avoid losing customers to the online retailers. Although this class will benefit any retail locksmith, it will be particularly valuable to those with storefronts/showrooms.

217/317: Basic Electricity and Access Control (Day 1 of 2)

Gregory L. Perry, CML, CPS, CMEL, AMKS, CAI
 Class Content: 50% Lecture/50% Hands-On
 Class Limit: 30

217P Lab Fee A - OPTIONAL: \$40 for L-13 Basic Electricity Elective

E Electronics are fast becoming a mandatory locksmith skill. More and more customers want electronic access control. By popular request, this class is redesigned to a two-day class. Day one primarily explores the basics of electricity and electronics pertaining to the electronic access control industry. We will explore how electricity is created and utilized. We will discuss electrical terms and many of the components used in electronics with an emphasis on what is needed to be a successful "electronic" locksmith. We will look at how circuits are wired in houses, shops, vans and electronic access control. Day one is primarily lecture with some hands-on testing and assembling some basic circuits and may be taken separately for those interested in just basic electricity. Day two will expand upon day one materials; students will wire up access control panels with electric strikes and request to exit switches. Day two may be taken by anyone who has already taken day one. The class will be helpful for anyone taking the L-13 PRP elective.

WEDNESDAY, JULY 24
 8:00 A.M. TO 5:00 P.M.

301: Fundamentals of Locksmithing (Day 3 of 5)

See Class 101 description.

302: Breaking & Entering

Dave Thielen, CML, CHI, CAI
 Class Content: 80% Lecture/20% Hands-On
 Class Limit: 35

3020 Lab Fee - Optional: \$54 for Door Hardware Basics by Tom Foxwell, RL, AFDI, CAI (This optional Door Hardware Study Guide can also be used in the 202: All About Exit Devices, 402: Door Closers and Related Hardware and 502: Hollow Metal Door and Frames classes.)

E This class deals with the "last resort" techniques and theory of cylinder bypass methods. Demonstrations of bypass techniques covering some of the most popular residential and commercial locksets will be performed.

Discussion and presentations will also include narrow stile locks, tubular key locks, safe deposit locks, electronic locks, keyless locks, interchangeable core cylinders, padlocks, high security cylinders, office equipment and more. Students will be shown how to perform bypass techniques that can be used

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to open a wide variety of locks and locking devices and have some fun getting it done.

303: S&G Electronic Safe Locks: Comprehensive Overview, Components, Programming, Service & Defeat

Philip Sutherland

Class Content: 20% Lecture/80% Hands-On

Class Limit: 20

G S E Class Goals: By the end of this class, you will be able to:

1. Understand the Components of Electronic Safe Locks: hardware, language and programming
2. Select the correct hardware and lock model for your application
3. Understand lock language – key to successful servicing
4. Understand programmable features to differentiate between lock models
5. Understand servicing, troubleshooting and defeat techniques

Hands-On Lock Models: (20% Lecture, 80% Hands-on)

- 6120
- Spartan
- Titan

Defeat Methods reviewed

- By-Pass: Little Black Box
- Spiking: Lance Mayhew
- Drilling: drill points

304/404: Advanced Master Keying (Day 1 of 2)

Lloyd Seliber, CML, CAI

Class Content: 75% Lecture/25% Hands-On

Class Limit: 24

G I IV Prerequisite: Basic Master Keying or equivalent.

This two-day class takes your existing knowledge (Basic Master Keying or equivalent) to the next level, allowing you to tackle larger, multi-level systems with confidence. Be taught key systems planning, selective keying, how and when to use rotating constants and the methods for creating or recreating good key systems documentation.

305: Photography for Locksmiths

John D. Truempy, CRL, CMIL, IFDI, CFL, and Vernon Kelley, CPL, CFDI, ICML, IFDI

Class Content: 75% Lecture/25% Hands-On

Class Limit: 30

G I IV S Prerequisite: Students need to know how to access the advanced settings on their camera or download a professional-level app to their smartphone prior to class.

This hands-on class will benefit anyone who wants to improve their photography skills, whether you want to document your work in a more professional manner, or you just want to take better photos at work in general.

Subjects include basic photography concepts and techniques, related equipment, camera settings, subject lighting, rules of photo editing, techniques of evidence photography, as well as macro and micro photography.

This class meets the photography requirement to allow investigative locksmiths to take the IAIL Certified Forensic Locksmith exam. Additionally, this class is also beneficial to fire door inspectors and safe & vault technicians, REQUIRED TO SIT FOR CFL EXAM.

Students MUST BRING A CAMERA TO CLASS:

- High quality point-&-shoot with a macro setting, or
- Digital SLR, or
- Smartphone with a camera 10 megapixels or higher

306: Intermediate Foreign Auto

Mannie A. Natal, CRL, CMAL, CAI, and Tony R. Cagle II, CRL

Class Content: 50% Lecture/50% Hands-On

Class Limit: 20

306P Lab Fee - OPTIONAL: \$40 for L-04 Foreign Auto Elective

A This class has been developed with the experienced locksmith in mind. It is the next step in the progression of not just making keys to vehicles, but also identifying and correcting problems that arise in conventional keyway foreign vehicles. There will be a lecture, demonstration, discussions and, more importantly, interactive modules where the students will familiarize themselves with the actual keys, lock and immobilizer systems presented during the lecture portion of the class.

307: Fundamental Soldering for Automotive Applications

Jim Lornklang, RL, CAI

Class Content: 20% Lecture/80% Hands-On

Class Limit: 15

307R Lab Fee - REQUIRED: \$90 for PCB stand, PCB board, components, solder, wicking braid

A This class will remove all fears of soldering. Techniques will be introduced to prevent Printed Circuit Board damage, shorting leads, and properly applying the correct amount of solder for joint contacts. Students will be familiarized with ESD and preventative measures. Students will have the opportunity to solder onto BMW Immobilizer Modules, Mercedes Ignitions, and Toyota ECUs. After completion of this course, students will have the confidence to accept EEPROM jobs using the detailed procedures from this class.

308/408/508: Mercedes Benz 3-Day Locksmith Workshop (Day 1 of 3)

Rafael Marte CRL, CAL, CPS, CAI, and Jason Jaudon, CAL

Class Content: 60% Lecture/40% Hands-On

Class Limit: 20

308R Lab Fee - REQUIRED: \$420 for an EIS Module, HU64 Lishi & Mercedes BE key to take home and also covers the cost for the locks, programming tokens, etc.

A Prerequisite: Student should have an understanding of how the immobilizer system functions and be familiar with terminology related to components and functions.

This three-day class is designed to further educate experienced automotive locksmiths on Mercedes-Benz



immobilizer key systems. Attendees will receive an overview of different Mercedes immobilizer systems, IR key programming procedures as well as EIS module identification. Students will be familiarized with XHorse VVDI MB, Autel IM608 and Abrites programmers during the FBS3 key origination and programming demonstrations.

This course is approximately 40% hands-on, and students will have the chance to pick and decode MB 10-Cut locks with a Lishi pick and get an up close view of the Chrysler Crossfire ignition lock repair. Other material includes EIS/ELV removal and the ELV emulator programming process.

309A: Lishi (AM) **HALF DAY**

Jeremy Crocker, CAL, CRL, CFL, CAI, and Scott Childress, CAL, CFL, CAI

Class Content: 25% Lecture/75% Hands-On

Class Limit: 20

A This class is a short PowerPoint followed by picking locks using methods discussed. Locks, picks and vises will be supplied. Whether you're a seasoned locksmith or just beginning, this class is imperative and fun.

309P: Automotive Tips & Tricks (PM) **HALF DAY**

Jeremy Crocker, CAL, CRL, CFL, CAI, and Scott Childress, CAL, CFL, CAI

Class Content: 80% Lecture/20% Hands-On

Class Limit: 30

A This class is primarily PowerPoint. We will be discussing all major manufacturers and how to make life easier. Most tips and tricks are ways around tough situations originating keys. Some will be regarding navigating newer software. The objective will be to show the student methods learned in the field by seasoned vets.

310: Medeco Intelligent Key (IK) Factory Certification



Clyde Roberson, CML, CMST, CAI, and Peter Field, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 25

I **IV** This class covers the features, benefits and capabilities of both Medeco CLIQ and XT as well as system requirements, ordering and setup prerequisites. Topics will include Medeco hosted versus self-hosted environments, CLIQ and XT Web Manager Software solutions and an overview of the peripheral devices for both product lines. We will cover the advantages of CLIQ and XT systems over traditional mechanical and electronic access control systems. Following this class, you will have an increased understanding of our Intelligent Key offerings and where Medeco CLIQ and XT fit in the marketplace.

311: Simplex Manipulation

Harry L. Sher, CML, CPS, CAI

Class Content: 20% Lecture/80% Hands-On

Class Limit: 20

3110 Lab Fee - OPTIONAL: \$150 for DAME video

E **I** **IV** This one-day class will cover the construction of the basic mechanism, operation, decoding for unknown combinations, two methods of manipulation, alternative methods using the lists of available combinations, and finally the last word on half numbers.

At the conclusion of this one-day training program, the student will be familiar with the Simplex and Unican Combination Chamber, be able to change combinations and decode unknown combination on the Simplex or Unican series of push-button locks, understand and demonstrate two methods of manipulation, determine combination sequence and understand the theory of half numbers.

Material covered in this class is valuable in preparing for certification programs offered by ALOA.

312: HS High Security Cylinder Servicing

Dennis Krucinski, CRL, LSFDI, CAI, and Asst. Josh A.

Armbruster, CRL, LSFDI, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 32

312R Lab Fee - REQUIRED: \$72 for the special High Security Student Manual (a 79-page assemblage) that is confidential and proprietary information specifically compiled to be used in class and which the student will retain afterward and will be extremely useful in preparing for the L-08 High Security Cylinder Servicing elective.

312P Lab Fee - OPTIONAL: \$40 L-08 High Security Cylinder Servicing elective

E **I** **IV** *Prerequisite: The student should have a sound understanding and experience combining and master keying conventional cylinders (Basic pinning of a cylinder from a TMK and CK bittings required).*

Find unfound money and be prepared to be amazed at the extensive amount of high security information and expertise you will become skilled at during this fast-paced instructional event. It is not for the faint of heart!

By hands-on disassembly/reassembly, you will encounter the "hidden secrets" of many of the high security cylinders from across the globe, but will primarily focus on high security cylinders that you may encounter throughout North America. Some of these global products include: ASSA, Medeco, Sargent, Kaba, Yale, Corbin Russwin, Emhart, Schlage, Abloy, Mul-T-Lock, Fichet, Brahma, BEST, DOM, Illinois Duo and Miwa. And that's only the beginning! Take your expertise to new heights by adding restricted high security key blanks, security pin kits or shop tools to your essential business arsenal. Much to take back home. But the best is yet to come.

You will explore the design, construction, operation and distribution of what we "think" is high security. Don't worry ... you will recognize the difference between "high security"

and "key control", as well as understand patent information and how to correctly service the most common North American high security cylinders. You will be "one up" on your competition and be able to successfully sell and service the extremely profitable high security market ... when you want! Why have you waited so long to do this?

313: Advanced Forensic Tool Marks for Investigative Locksmiths

Beta Tam, AFL, CFL, CAI
 Class Content: 70% Lecture/30% Hands-On
 Class Limit: 25

Prerequisite of 213: Basic Forensic Tool Marks class.

This one-day course in advanced tool marks provides continuation training for investigative locksmiths who have completed the Basic Tool Marks Examination course. In this course, students would be taught to understand the fundamentals of tool marks identification and comparison. Furthermore, report writing and expert testimony related to the observation and documentation would be covered. Upon completion of the course, the students should be able to complete a report and understand how to deliver expert testimony for the tool marks they have examined. Practical tool mark extraction will be included if time allows.

314: Hardware Installation & Repair - Fundamental Skills (Day 2 of 2)

See Class 214 description.

315: Access Control: Beyond the Panels (Day 2 of 3)

See Class 215 description.

316/416/516: CAI Instructor Course (Day 1 of 3)

A LA CARTE CLASS

Christopher Meccia, CPL, CAI, and Gordon P. Malczewski, CPL, LSFDI, CAI
 Class Content: 60% Lecture/40% Hands-On
 Class Limit: 18

316A Lab Fee - REQUIRED: \$695. This is a standalone, a-la carte-priced class for one, NOT A PART OF CLASS PACKAGES. You may add a 2-day package with classes.

ALOA is looking to include forward-thinking, ambitious individuals who have a passion and desire to share their personal industry security information throughout the world within our established framework of quality delivery. Is that you? This class is the first step to becoming a CAI, Certified ACE Instructor. Information will be presented on methods of instruction and motivation. The class consists of lectures, discussions, exercises and presentations that will assist students in organizing instruction methodology and business careers. Upon completion of this course, students will be able to develop a class outline, prepare training aids, evaluate class material and effectively instruct an ACE class. This class may run into the evening, and homework will be required. A computer is recommended but not required (laptop with Microsoft Word and PowerPoint installed).

317: Basic Electricity and Access Control (Day 2 of 2)

See Class 217 description.

THURSDAY, JULY 25
8:00 A.M. TO 5:00 P.M.

401: Fundamentals of Locksmithing (Day 4 of 5)

See Class 101 description.

402: Door Closers and Related Hardware

Dave Thielen, CML, CHI, CAI
 Class Content: 75% Lecture/25% Hands-On
 Class Limit: 35

4020 Lab Fee - OPTIONAL: \$54 for Door Hardware Basics by Tom Foxwell, RL, AFDI, CAI (This optional Door Hardware Study Guide can be used in 202: All About Exit Devices, 302: Breaking and Entering, 502: Hollow Metal Door and Frames).

402P Lab Fee - OPTIONAL: \$40 for L-05 Door Closers Elective

If you have ever wanted to be able to sell and service more than the locks on the door, then be sure not to miss this class. You will become familiar with the principles of door closers, with an emphasis on the selection, adjustment and installation procedures for surface mounted and concealed door closers.

In addition, you will be taught the functions, installation and servicing of door closers, hinges, and related door hardware. The hardware covered will be of the commercial or heavy-duty grade. Other types of closers will also be discussed as an aid in preparing for the PRP L-05 Door Closers elective.

403: LA GARD Electronic Safe Service: Comprehensive Overview, Components, Programming, Service & Defeat

Philip Sutherland
 Class Content: 30% Lecture/70% Hands-On
 Class Limit: 20

Class Goals: By the end of this class, you will be able to:

1. Understand the Components of Electronic Safe Locks, including hardware, language and programming
2. Select the correct hardware and lock model for your application
3. Understand lock language – key to successful servicing
4. Understand programmable features to differentiate between lock models
5. Understand servicing, troubleshooting and defeat techniques



Lock Models:

- LGBasic, 700Basic
- 39E
- Overview
- 700 Series

Defeat Methods reviewed

1. By-Pass: Little Black Box
2. Spiking: Lance Mayhew
3. Drilling: drill points

404: Advanced Master Keying (Day 2 of 2)

See Class 304 description.

405/505: Introduction to Safe Drilling (Day 1 of 2)

Elaad Israeli, CRL, CFL, CPS, CAI, CFDI, LSFDI, CFFDI, CAI
Class Content: 40% Lecture/60% Hands-On
Class Limit: 20

405R Lab Fee - REQUIRED: \$250 for steel lock mount with relocker, S&G 6730, music wire, drill bits, steel ruler, flash light, ice pick and safety glasses.

S Prerequisite: Students should have experience servicing B-rate, fire safes and other low-end safes, changing combinations on Group 2 mechanical locks and servicing Group 2 mechanical locks.

This introductory class on safe drilling is for the locksmith that wants to be able to open safes. The topics covered are the foundational material required for opening all types of safes, though the focus in this class will be on the S&G 6730 mechanical Lock, B-Rate safes and fire safes. Topics covered include: drill bits, drilling feeds and speeds, dials and removal, scoping a change keyhole, drilling a mechanical lock for a lost combination, transferring, overcoming Group 2 mechanical lock malfunctions, dealing with an external relocker and discussion of various safe malfunctions, if time allows. The lock drilling exercises are done on a S&G 6730 lock mounted on a steel mounting plate.

406: Ilco/Advanced Diagnostics Product Master Class

Manuel A. Natal, CRL, CMAL, CAI, Tony Presidio, and Elton Taleno, CAI
Class Content: 60% Lecture/40% Hands-On
Class Limit: 30

A Prerequisite: Beginner-level class or at least two years of experience in the field.

This is an advanced course for all Ilco/AD owners. It will be an enlightening experience you cannot afford to miss. In this advanced interactive class, we will discuss, illustrate and explore different opportunities available for your market with the utilization of the Ilco/AD family product line. We will be covering Smart Pro, Smart Pro Lite, MyKeysPro, RW5, Smart Aerial Plus, Futura Key Cutting Machines, cutting edge bypass technology and much more. Get the most ROI by attending this advanced training class.

407: Honda High Security Locking Systems - Servicing and Repairs

Jennifer Richards, CRL, CMAL, CAI, and Dan Florko, CAI
Class Content: 60% Lecture/40% Hands-On
Class Limit: 30

A The Honda High Security servicing and repair class will cover Honda's high security locking systems, how they are structured, including cutting keys and tumbler placements. The class will focus on removing and repairing all vehicle lock cylinders. The class will be a mix of lecture and hands-on. Students will have the opportunity to work with door, trunk and ignition cylinders from vehicles produced from 2003 through current keyed vehicles. Completion of this class will give the students enough knowledge to competently service these vehicles in their day-to-day businesses.

408: Mercedes Benz 3-Day Locksmith Workshop (Day 2 of 3)

See Class 308 description.

409: Modern Auto Key Generation

Edward R. Woods, CML, CPS, CAL, CAI
Class Content: 50% Lecture/50% Hands-On
Class Limit: 25

A This class is for the student who is in need of knowledge on making the keys that they will be programming with transponder equipment. Yes, the code services are great when they are available, but knowing how to make the keys almost as fast as they can reply is the best, and knowledge is power. The instructor generates from scratch 99.5% of all the keys he makes, so he will be sharing his knowledge of tool and tips on how to make these keys all the time. In the afternoon session, locks and tools will be provided to practice the methods taught. In addition, there will be a discussion on repairing the most common auto lock failures.

410/510: Revolutionize Your Automotive Expertise: Explore Automotive Control Units & Hands-On (Day 1 of 2)

Yaser Jafar, CAI
Class Content: 50% Lecture/50% Hands-On
Class Limit: 40

A Embark on a journey into automotive technology's core. Uncover the intricacies of control units, the intelligence behind modern vehicles. In this interactive session, our seasoned instructors will demystify automotive electronics, blending theoretical insights with practical applications – cloning, tuning, flashing, bench diagnostics and more. Beyond knowledge acquisition, discover business opportunities as we delve into aftermarket tools and creative solutions to solving common problems related to immobilisers and more, empowering you to generate additional revenue. Acquire valuable skills through hands-on experiences, leaving you poised to navigate the automotive landscape with confidence. Don't miss out on this chance to elevate your expertise and open new doors for entrepreneurial success!

411: Electronic Safe Lock Servicing

Harry L. Sher, CML, CPS, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 25

4110 Lab Fee - OPTIONAL: \$150 for DAME video

411P Lab Fee - OPTIONAL: \$40 for L-33 Safe Opening and Servicing Elective

S B I IV *Prerequisite: Students should have a basic knowledge of safe locks and their mechanisms to fully comprehend the material in this class.*

Electronic safe lock manufacturing is one of the fastest-growing segments of the safe lock industry today. As new models are introduced, changes in the older models are affected. The progressive locksmith/safe technician must take advantage of every opportunity to learn about this ever-changing area.

This one-day class will focus on the features of locks from the most popular electronic safe locks from AMSEC, LA GARD/Kaba Mas and Sargent & Greenleaf. You will be taught installation tips and techniques, combination changing, programming various functions and many troubleshooting tips. The class will include a demonstration of various electronic safe lock defeat methods. Note-taking and photography is welcomed in this class. This class is a *must* if you wish to stay abreast of the technologies in the electronic safe lock field.

The information presented will be useful in preparing for PRP Section L-33 and STPRP S-00, Certified Professional Safe Tech (CPS).

412: Active Intruder Security and Fire Codes

Dennis Krucinski, CRL, LSFDI, CAI, and Asst. Josh A.

Armbruster, CRL, LSFDI, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 32

4120 Lab Fee - OPTIONAL: \$36 for a flash drive containing reference materials and bonus content

412P Lab Fee - OPTIONAL: \$40 for L-07 Life Safety Codes Elective

E I IV *Prerequisite: Students should have a general understanding of fundamental locksmith and security technology.*

Increase security without compromising safety! This course is a must for anyone that services accounts such as schools, churches and other public buildings. Participants will begin by getting a primer (or refresher) on some of the basic code requirements that are most often overlooked when security against aggressive threats is being discussed. After reviewing codes, this course will take a closer look at samples of the various styles of security devices developed to defend against active aggressors. Participants will have an opportunity to examine and handle samples of barricade devices and intruder locks that are currently on the market and discuss how they comply with, or violate codes. At the

conclusion of this course, students will be able to identify fire doors and egress routes, define basic life safety and fire code vocabulary, and identify major and special functions of locks. This course is designed to help security professionals think critically to guide decision makers to select a device that is appropriate for the setting without compromising local life safety and fire codes.

413: How to Prepare to be a Forensic Investigator

Beta Tam, AFL, CFL, CAI

Class Content: 80% Lecture/20% Hands-On

Class Limit: 25

IV This one-day course is preparing a locksmith to be a forensic investigator. The course will first discuss the training, practical exercises, reading, preparation of your CV and getting certified required by a forensic locksmith. Then it will cover in depth quality assurance procedures, documentations of your examination and methodology to get to your conclusions. Finally, information on court procedure, responsibilities and duties of expert witness will be included.

Upon completion of the course, the students should have the practical, step-by-step procedures to be prepared as an forensic expert for court purposes.

414A: Perfect Raceway - Intertek Certification (AM)

HALF DAY A LA CARTE CLASS

Bob R. Cullum, AHC, CML, CFDI, CFL, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 12

414A Lab Fee - REQUIRED: \$720. This is a standalone, a-la-carte-priced class for one, NOT PART OF CLASS PACKAGES.

price. You may add an afternoon class, but it will cost a 1/2 day class package.

E *Prerequisite: Perfect Raceway Installer Certification*
Want to install a code compliant raceway in an Intertek/WH labeled fire-rated door at the job site in compliance with NFPA 80? Want an alternative to field inspections or removing the door to have the raceway factory drilled? The Intertek program label can be applied for raceway installations done in the field for program participants. This is a personnel qualification program through Intertek for drilling a 3/8" diameter raceway across a fire-rated door. Class consists of PowerPoint lecture, practical hands-on drilling exercise followed by an examination. A score of 80% on the examination is required to participate in the program.



414P: DETEX Device Hands-On Installation and Troubleshooting (PM) ◆ HALF DAY

Russell Hansmann

Class Content: 25% Lecture/75% Hands-On

Class Limit: 30

Ⓢ Ⓡ **Other Track: Commercial/institutional door hardware installation and maintenance.** This class will focus on class attendee hands-on installation of DETEX Advantex and Value Series exit devices. Wiring all weatherized components, function training and troubleshooting, including the weatherized delayed egress system EASYKIT. There will be Q&A and instruction on additional products as time permits.

415: Access Control: Beyond the Panels (Day 3 of 3)

See Class 215 description.

416: CAI Instructor Course (Day 2 of 3)

See Class 316 description.

417: Mechanical Safe Lock Servicing ◆

Gregory L. Perry, CML, CPS, CMEL, AMKS, CAI

Class Content: 40% Lecture/60% Hands-On

Class Limit: 30

417P Lab Fee - OPTIONAL: \$40 for L-24 Safe Combination Locks

Ⓢ Combination locks have been a part of the safe industry since the mid 1850s. Knowing how they are assembled and serviced should be the first step for any technician wanting to work on safes. This class will take the students through a complete disassembly of a couple different combination safe locks. We will change combinations and learn how to decode unknown combinations when you have access to the inside or the safe by looking through the change keyhole. We will also look at several different combination lock designs, with an emphasis on operation and service. This class is designed for the beginning technician as well as those who have some safe servicing experience but desire more knowledge. If you don't know why flies move or the differences between Group 1, 1R and Group 2 locks, you need this class. This class will assist with passing the L-24 PRP category.

FRIDAY, JULY 26
8:00 A.M. TO 5:00 P.M.

501: Fundamentals of Locksmithing (Day 5 of 5)

See Class 101 description.

502: Hollow Metal Doors and Frames ◆

Dave Thielen, CML, CHI, CAI

Class Content: 70% Lecture/30% Hands-On

Class Limit: 30

5020 Lab Fee - OPTIONAL: \$54 for book *Door Hardware Basics* by Tom Foxwell, RL, AFDI, CAI (This optional Door Hardware Study Guide can be used in the 202: All About Exit Devices, 302: Breaking and Entering and 402: Door Closers and Related Hardware classes. **Ⓢ** This class will

introduce the student to hollow metal doors and frames, including nomenclature, design, installation, repair and servicing techniques of various types of doors and frames.

There will be a demonstration of tools (including the new Metal Door Hinge Adjuster) as well as lecture, and discussion of various troubleshooting and repair techniques.

The hands-on portion will give the student valuable experience in installing locks, repairing hinges, retrofitting hardware, preventing door collapse, cutting doors and other profitable skills. Rust issues and thermal bow will also be addressed.

Materials to bring to class: Students should bring an assortment of screwdrivers and Allen wrenches to fully participate.

503: Tecnosicurezza Electronic Safe Locks: Comprehensive Overview, Components, Programming, Service and Defeat ◆ ◆

Philip Sutherland

Class Content: 30% Lecture/70% Hands-On

Class Limit: 20

Ⓢ Ⓡ Ⓢ Class Goals: By the end of this class, you will be able to:

1. Understand the Components of Electronic Safe Locks, including hardware, language and programming.
2. Select the correct hardware and lock model for your application
3. Understand lock language – key to successful servicing
4. Understand programmable features to differentiate between lock models
5. Understand servicing, troubleshooting and defeat techniques

Hands-On Lock Models: (30% Lecture, 70% Hands-on)

- Pulse
- PulsePro
- Overview
- MiniTech
- PulsePro

Defeat Methods reviewed

1. Drilling: drill points

504: Special Topics in Advanced Master Keying

Lloyd Seliber, CML, CAI

Class Content: 80% Lecture/20% Hands-On

Class Limit: 24

504P Lab Fee - OPTIONAL: \$40 for L-31 Advanced Master Keying Elective

Prerequisite: Basic Master Keying

Expand your master key knowledge with a review of three popular software packages: HPC MasterKing, SimpleK Professional, and ProMaster 8, and a deep dive into special topics in master keying: Systems designed for the master ring cylinder, cross keying at the change and master key level, historical record keeping techniques, dimple key mechanisms, and less commonly used key symbols. The PRP-31 exam (Advanced Master Keying) will be available after class to students who wish to take it.

505: Introduction to Safe Drilling (Day 2 of 2)

See Class 405 description.

506: Transponders and Microcontrollers

Manuel A. Natal, CRL, CMAL, CAI

Class Content: 25% Lecture/75% Hands-On

Class Limit: 20

This offering is in the continuing series of ALOA's dynamic automotive educational courses. As the evolution of electronic automotive security has evolved, so has the myriad and complexity of the transponders. Added to this complexity has been the introduction of microcontrollers that are also integrated into remote head and proximity keys. This integrated course will, through lecture and active participation, demystify this facet of automotive electronic security. Through the reading, writing, duplication, creation and the interchangeability of this seemingly endless variety of transponders with the use of the latest equipment from ILCO, Advanced Diagnostics and others, a solid understanding of transponders and microcontrollers will be achieved. Students are encouraged to bring up to seven used/locked proximity keys and their SMART PRO programmers. With a handful of transponders and the insights you will glean from this course, you will be knowledgeable in the integration, generation and/or duplication of over 90% of the automotive transponders on the road today with the knowledge acquired in conjunction with the ALOA's other dynamic automotive courses, gains in automotive key production, profitability can easily increase 10-30% with decreased demands for inventory and increases in productivity and sales.

507: Asian Automotive Locking Systems - Servicing & Repairs

Jennifer Richards, CRL, CMAL, CAI, and Dan Florko, CAI

Class Content: 60% Lecture/40% Hands-On

Class Limit: 30

This class will cover most Asian locking systems and how they are structured, including cutting keys, tumbler placements and how to rekey and service these locks. Hyundai/Kia, Subaru, Mazda and Toyota/Lexus are some of the manufacturers that will be covered. The class will focus on removing and repairing all vehicle lock cylinders. The class will be a mix of lecture and hands-on instruction. Students will have the opportunity to work with door, trunk and ignitions cylinders from multiple manufacturers. Completion of this class will give the students enough knowledge to competently service these vehicles in their day-to-day businesses.

508: Mercedes Benz 3-Day Locksmith Workshop (Day 3 of 3)

See Class 308 description.

509: History of High Security/STRATTEC Update/Pinning of Internal 2-Track Locks

Jeff Baker, CAI, and Edward R. Woods, CML, CPS, CAL, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 30

Prerequisite: Familiarity with high security automotive locks is helpful but not required.

This class is a joint venture with STRATTEC (Jeff Baker) and Ed Woods. First, there will be a presentation on the history of high security and all of the eight styles. Included is the evolution and what is used in today's GM, Ford, Chrysler and foreign auto manufacturers. We will then review STRATTEC updates and, most importantly, the hands-on pinning exercises including the all-new 2020 Ford internal two-track keyway used on the new 2020 Ford Escape and Lincoln Corsair. Ignition and door repair kits for Ford and GM will be assembled into fully functioning locks. Once you understand the inner workings of the locks through theory and hands on assembly, we will break out the tools used to pick and decode them. For the most part, Lishi and Accureader tools will be used in the afternoon practice session.

510: Revolutionize Your Automotive Expertise: Explore Automotive Control Units & Hands-On (Day 2 of 2)

See Class 410 description.



511: Principles of Safe Manipulation

Harry L. Sher, CML, CPS, CAI

Class Content: 50% Lecture/50% Hands-On

Class Limit: 20

5110 Lab Fee - OPTIONAL: \$150 for DAME video

S Manipulation is the art of opening combination locks, without prior knowledge or information as to the present combination, does not require the use of force or tools, does not cause damage to any part or component, and leaves no evidence of entry.

Each student will be taught when to manipulate and will understand how picking, reading and impressioning are related to safe manipulation. The class will cover proper combination lock terminology. The student will become competent in dialing diagnostics and visualization of the internal workings of a combination lock. Students will understand the principles of manipulation, become familiar with manipulation aids and gain confidence in manipulation.

512: AFDI ALOA Fire Door Inspector Training and Exam

Tom R. Foxwell, RL, AFDI, CAI

Class Content: 100% Lecture/0% Hands-On

Class Limit: 15

5120 Lab Fee - OPTIONAL: \$66 for book, NFPA 101 Field Guide by David McFarland, CAI, CFL, CFFDI, LSFDI

E **I** **V** Be taught how to become an ALOA Fire Door Inspector and earn more money just by doing the inspections. The instructor will go over what you should do and not do to hold a successful inspection and provide the proper reports to the customer. AFDI Manual will also be provided.

There is an ALOA Fire Door Inspector (AFDI) exam offered at the end of class. ID Card and Certificate, once issued, is valid for three years.

514: Building and Managing a Successful Retail Locksmith Store

Loni Portie, CLL, CRL, CAI

Class Content: 100% Lecture/0% Hands-On

Class Limit: 25

B This course will provide students with essential skills to open and manage a retail locksmith office. The first area that will be covered is the basics of a business including, advertising, recordkeeping and basic business setup. The second part of the class will dive deep into management. The management section of this class will cover areas associated with employees, customers and the retail portion of the store. After completion of this course, you will have the skills and confidence to go out and effectively manage a locksmith retail store. This course will provide students with essential skills to open and manage a retail locksmith office.

515: Practical Computer Networking

James Ashley, CMEL, CMST, CFL, CPL, CAI

Class Content: 85% Lecture/15% Hands-On

Class Limit: 16

515R Lab Fee - REQUIRED: \$42 for instructor materials used in class

E Being able to wire a panel is only half the project. Your customer needs access to it over their network. This class will show you how to terminate ethernet cable, what equipment to use when troubleshooting and how to use it. We cover the basics of computer language, MAC addresses, IP addressing schemes and how to set your computer up to communicate directly with your panels. Bring your laptop, and let's learn!

516: CAI Instructor Course (Day 3 of 3)

See Class 316 description.

517: Electronic Safe Lock Installation, Programming & Opening

Gregory L. Perry, CML, CPS, CMEL, AMKS, CAI

Class Content: 40% Lecture/60% Hands-On

Class Limit: 30

S Electronic safe locks are on all types of safes and vaults. Many customers are afraid to change the combination, so knowing how to identify and change them is a money-making skill. This class will take the students through over 20 different e-locks, including GSA L\locks, common e-locks from S&G, SecuRam and LA GARD and less common locks, including several different open solenoid locks. Students will leave the class with a great understanding of how these locks operate and an electronic manual of installation and programming instructions for most e-locks seen in the field today. This class not only focuses on installing and servicing e-locks, but it will also discuss various opening techniques. The class is divided between a morning lecture and the afternoon spent programming all the different locks. This class is designed for the beginning technician as well as those with some safe servicing experience but desiring more knowledge.

REGISTRATION IS AVAILABLE ONLINE AT WWW.ALOA.ORG! OR YOU CAN EMAIL, FAX OR MAIL YOUR REGISTRATION FORMS.

- | | |
|--|---|
| <input type="checkbox"/> 1 Complete Form 1. | <input type="checkbox"/> 4 Send registration Forms 1, 2, 3 and payment. |
| <input type="checkbox"/> 2 Complete Form 2 if you are attending classes. | <input type="checkbox"/> 5 Refer to page 6 for hotel and travel discounts. |
| <input type="checkbox"/> 3 Complete Form 3 if you are taking the PRP or STPRP evaluations. | <input type="checkbox"/> 6 Join ALOA and register for the convention at the same time through online registration by June 30, 2024. |

Registration Information

Available online at www.aloa.org on the ALOA Convention page.

Each individual locksmith, member or non-member, must fill out a separate registration form. Complete all applicable portions, including selection of classes and seminars, and process online or send Registration forms 1 through 3 with payment via one of the following methods:

ONLINE: Go to ALOA.org and click the link on the Convention page

EMAIL: conventions@aloea.org

FAX: (469) 453-5241

MAIL: Mail forms to: ALOA Registration
1408 N. Riverfront Blvd #303
Dallas, TX 75207

Helpful Hints

- » Registrations for any classes for which a government/institutional purchase order is submitted must provide a \$50 deposit at the time of registration. To be eligible for a refund, cancellation must be received by June 30.
- » Registrations will not be processed without payment.
- » Checks made payable to ALOA or credit card information MUST accompany this registration.
- » Class Registration: Copy this form for additional individuals who wish to register for convention classes/seminars.
- » Be sure to select first, second and third choice of classes for each day. Number choices in the spaces provided on page 28.
- » Badge Name: Your name will appear on your badge exactly as printed on your registration form.
- » Cancellation Policy: A credit will be given to cancellations received prior to June 30 less a \$50 processing fee. No credit given after June 30, 2024. All cancellations and requests for refunds must be in writing.

Educational Classes & Registration Packages

Classes will be held at the South Point Hotel & Casino unless otherwise noted on the schedule. The prices shown below for classes and exhibits are for early registration (by June 30). Members can register for exhibits for free up until June 30, 2024. There are TWO classes offered at A LA CARTE pricing, which are not part of any packages. These are standalone priced.

FIVE CARD STUD PACKAGE (5 DAYS) includes all the classes (unless otherwise noted) you can fit in five days (lab fees, if applicable, not included), breaks and lunches on full-day classes, two full days of the Security Expo. ALOA Members **\$1,275**; Non-Members **\$1,490**

FOUR YOUR EYES ONLY PACKAGE (4 DAYS) includes all the classes (unless otherwise noted) you can fit in four days (lab fees, if applicable, not included), breaks and lunches on full-day classes, two full days of the Security Expo. ALOA Members **\$1,065**; Non-Members **\$1,275**

TRIFECTA DELIGHT PACKAGE (3 DAYS) includes all the classes (unless otherwise noted) you can fit in three days (lab fees, if applicable, not included), breaks and lunches on full-day classes, two full days of the Security Expo. ALOA Members **\$915**; Non-Members **\$1,065**

DOUBLE DOWN SUCCESS PACKAGE (2 DAYS) includes all the classes (unless otherwise noted) you can fit in two days (lab fees, if applicable, not included), breaks and lunches on full-day classes, two full days of the Security Expo. ALOA Members **\$595**; Non-Members **\$800**

ONE-ARMED BANDIT PACKAGE (1 DAY OR 2 HALF-DAYS) includes breaks and lunches on full-day class (lab fees, if applicable, not included) and two full days of the Security Expo. Lunches provided for those taking both morning and afternoon classes only. ALOA Members **\$310**; Non-Members **\$415**

HALF RISK/DOUBLE FUN PACKAGE (1 HALF-DAY) includes two full days of the Security Expo. NO lunches or breaks provided. ALOA Members **\$150**; Non-Members **\$200**

NOTE: Please note that some classes may have additional **lab fees** (for special equipment, tools or instructor fees) that are either required or optional, or there may be an optional class PRP test. **LAB FEES** are coded to match the item(s): **R** = Required, **O** = Optional and **P** = PRP. Optional Class Testing

You can only test on the same elective once at the convention.



CONVENTION REGISTRATION FORM

ONLINE REGISTRATION IS AVAILABLE ON ALOA.ORG ON THE CONVENTION TAB.

ONLINE REGISTRATION IS PREFERRED AND PROVIDES YOUR BEST CHANCE OF RECEIVING FIRST-OPTION SELECTIONS.

OR email: registration forms 1, 2 and 3 with your credit card information to: conventions@aloea.org

OR fax: to (469) 453-5241

Or you can mail (slower processing): Send registration forms 1, 2 and 3 with your check or completed credit card information to:
ALOA Registration
1408 N. Riverfront Blvd #303, Dallas, TX 75207

Please type or print your information.

Membership must be current to receive membership pricing.

ALOA Member # _____

SAVTA Member # _____

Non-Member

PRP/STPRP Status:

RL CRL CPL CML CAL CMAL CAI

CPS CMST CLL CEL CFL - (Type) ____ Other

Required

Check the box that applies best for each of the following:

- Are you a first-time attendee? Yes No
- **If yes, will you be attending the First-Time Attendee Orientation on Monday, July 22 at 7:15 a.m.?** Yes No
- Will you be attending the Kick-Off Party? Yes No
 Number of Guests _____ Total Number Attending: _____ N/A
- Are you a Business Owner or Employee
- Choose your purchasing role:
 Decision Maker or Recommend Products
- Size of Business:
 Owner Only 1-2 Employees 4-6 Employees
- Will you attend the Security Expo: Yes No
- How much time will you spend at the Expo:
 1-3 Hours 4-6 Hours 7-9 Hours 10 Hours or More
- Do you have any food allergies or special dietary needs?
 (unable to accommodate kosher meals). Explain: _____

Registrant

First Name _____ MI _____

Last Name _____

Name Badge _____

Company _____

Street or P.O. Box _____

City _____ State/Province _____

ZIP/Postal Code _____ Country _____

Cell Number _____ Work Number _____

Email _____

Is this an address change? Yes No

Spouse/Child/Guest (complete only if attending).

***GUESTS MAY NOT ATTEND CLASSES**

First Name _____ Last Name _____

First Name _____ Last Name _____

First Name _____ Last Name _____

First Name _____ Last Name _____

Membership Status

Check here to renew your membership

Check here to become a new member

New membership must be accompanied by completed application (see ALOA.org).

Go Green Regular

Annual dues - Active (MDD) \$240 \$280 = _____

Annual dues - International (MDI) \$210 \$290 = _____

Annual dues - Retired (MDR) \$55 = _____

Annual dues - IAIL (MIA) \$65 = _____

Annual dues (add-on) - IAAL (MAA) \$50 = _____

Annual dues - IAAL \$240 \$280 = _____

Annual dues - AIL \$240 \$280 = _____

Annual dues (add-on) - AIL \$50 = _____

Packages/Individual Classes:

Two half days equal the one-day class package.

By June 30 After June 30

Five Card Stud (5 days) (PKG5)

Member \$1,275 \$1,375 = _____

Non-Member \$1,490 \$1,595 = _____

Four Your Eyes Only Package (4 days) (PKG4)

Member \$1,065 \$1,175 = _____

Non-Member \$1,275 \$1,380 = _____

Trifecta Delight Package (3 days) (PKG 3)

Member \$915 \$1,015 = _____

Non-Member \$1,065 \$1,175 = _____

Double Down Success Package (2 days) (PKG2)

Member \$595 \$700 = _____

Non-Member \$800 \$920 = _____

One-Armed Bandit (1 day) (PKG1)

Member \$310 \$360 = _____

Non-Member \$415 \$465 = _____

Half Risk/Double Fun (1/2 day) (PKG.5)

Member \$150 \$175 = _____

Non-Member \$200 \$225 = _____

A La Carte Classes

(Additional classes offered that are not part of any package)

CAI Instructor Course (Class 316/416/516) FULL-DAY

316A \$695 = _____

You may add up to a 2-day class package along with this class choice.

Perfect Raceway Qualified Personnel Program (Class 414A)

HALF-DAY

414A \$720 = _____

You may add up to a 4-day class package along with this class choice. and/or you can add a one half-day PM class.

Expo, Meetings and Events:

Exhibits Only By June 30 After June 30

Member (EXH) FREE \$20 = _____

Non-Member (EXH) \$25 \$35 = _____

Spouse/Guest (EXG) \$10 \$15 = _____

Ages 6-15 (CHD) \$5 \$10 = _____

Kick-Off Party No. Attending = _____

Total for Lab Fees = _____

Total for PRP Fees = _____

Total Amount (ALL Sections) \$ _____

Payable in U.S. Funds Only, and Payment Required for Complete Registration! There will be a 3% surcharge on all credit card payments.

Form of Payment:

Check Number _____

Charge: Mastercard Visa Discover American Express

Card Account Number _____

Card Expiration Date _____ CVV _____

Print Name on Card _____

Credit Card Billing ZIP Code _____

Email Address _____

Signature _____

PROFICIENCY REGISTRATION PROGRAM

Wednesday, July 24
6:00 P.M. - 10:00 P.M.

Proof of the PRP/STPRP certification assures your customer that he/she is dealing with a professional who has the education and technical competence to provide safe and efficient service. These certifications separate you from those who claim to be professionals but do not have your knowledge or training. If you plan to participate in the PRP/STPRP, include the proper fee on the convention registration form, complete this PRP/STPRP registration form and submit it along with your convention registration form.

Must register for testing before June 30, 2024. Submit test options on the right with your registration. Make sure to include the pricing fee that matches your PRP Testing choices on page 28.

NOTE: PRP Elective tests can only be taken once during convention. For example, you cannot take an Optional Class PRP class test and also take the same test at the PRP/STPRP Test Sitting Wednesday evening).

IMPORTANT: PHOTO ID REQUIRED FOR ADMITTANCE TO EXAM ROOM.

WARNING:
This PRP registration must be received at ALOA by June 30, 2024.

Evaluation ALOA 2024 Convention:

Level testing for:

CRL CPL CML CPS CMST CEL CAL CMAL CFL - Type: _____

In the listings below, place a check mark to the left of your choices. Below are descriptions of each level and its requirements.

CRL Level: L-00 + two (2) Electives. Choose the mandatory and two (2) Electives. Because of the time required this cannot be taken with any other selection.

CPL Level: CRL + twelve (12) Electives. Once you have attained CRL level, you may choose any twelve (12) electives to pass in order to attain your CML. Do not choose any Electives you have previously passed.

CML Level: CPL + nine (9) Electives. Once you have attained CPL level, you may choose any nine (9) Electives. Do not choose any Electives passed previously for CRL or CPL.

Re-Take CRL Level: If you did not pass the L-00 mandatory, you must choose the mandatory before you can take more than 2 electives. You may also take one (1) or two (2) Electives if you did not pass one (1) or two (2) Electives, but you may not take extras. If you have passed the L-00 Mandatory, you may choose up to 5 individual electives in order to gain the CRL.

CPS Level (S-00): Because of the time required this cannot be taken with any other selection.

CMST Level (S-01): The first level (S-00) of the STPRP (CPS) must be passed before taking the second level (S-01) of the STPRP. Because of the time required this cannot be taken with any other selection.

CEL Level: Certified Electronics Locksmiths. Because of the time required, this cannot be taken with any other selection.

CAL Level: CAL (A-00) Because of time required this cannot be taken with any other selection.

CMAL Level: (A-01) Once you have attained your CAL, you can test for the CMAL. Because of the time required this cannot be taken with any other selection.

CFL Level: ONLY IAIL MEMBERS may take the exam and there are requirements that need to be achieved before a CFL may be issued. For more information about CFL prerequisites and the IAIL, go to the IAIL website here: www.aloa.org/iail/index.html. CFL Exam choices are General Forensic, Automotive, Safe & Vault and Architecture & Hardware. You may choose up to 2 (two) CFL Exams.

Note: Application will be returned if choices are not indicated.

Select/CAT#/Elective Name

- L-00: Mandatory Categories
- L-03: Domestic Auto
- L-04: Foreign Auto
- L-05: Door Closers
- L-07: Life Safety Codes
- L-08: High Security Cylinder Servicing
- L-11: Special Applications Cylinder Servicing
- L-13: Basic Electricity
- L-16: Exit Hardware & Alarms
- L-20: Keyless Mechanical Locks
- L-21: Lever Locks, Other Than Safe Deposit
- L-22: Motorcycle Locks
- L-24: Safe Combination Locks
- L-25: Safe Deposit Locks
- L-26: Time Locks
- L-28: Lockset Installation
- L-30: Basic Master Keying
- L-31: Advanced Master Keying
- L-32: Safe Installation
- L-33: Safe Opening And Servicing
- L-34: Vault Installation And Service
- L-38: Small Format Interchangeable Core

- L-39: Large Format Interchangeable Core
- L-40: Electro-Mechanical Access Control
- L-41: Door-Related Hardware
- L-42: Alarms
- L-43: Detention Locks
- L-44: Closed Circuit Television
- L-46: Networking

Automotive Exams

- A-00: Certified Automotive Locksmith
- A-01: Certified Master Automotive Locksmith

Electronics Exams

- CEL: Certified Electronics Locksmith

STPRP Exams

- S-00: Certified Professional Safe Tech
- S-01: Certified Master Safe Tech

CFL Exams

You may choose up to 2 (two) CFL Exams.

Prerequisites apply.

- CFL - General Forensic
- CFL - Automotive
- CFL - Architecture & Hardware
- CFL - Safe & Vault

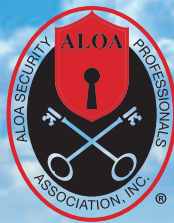


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