



SAFETECH 2023 **RENOVATE** YOUR CAREER



THE ATLANTIS

Reno, Nevada



CLASSES

April 17–21, 2023



TRADE SHOW

April 22, 2023

SAVTA.ORG

EMAIL: CONVENTIONS@ALOA.ORG



RENOVATE YOUR CAREER AT SAFETECH!

Be the architect of your career at SAFETECH 2023 in Reno, Nevada! Build your skills with hands-on classes taught by the industry's best instructors. Whether it will be your first or 20th time attending, you will walk away with new knowledge and a renewed sense of purpose in your career.

While education is the focus, you also get to see all of the latest products under one roof when you attend the Trade Show, from safes and locks to scopes and more. But what's truly unbeatable are the connections you'll make. SAFETECH is a family-like atmosphere where you can make new friends, find mentors, get referrals and talk shop — all while having fun with your fellow attendees.

The Atlantis Casino Resort in Reno is the perfect setting for SAFETECH 2023. Come experience a different side of Reno at our fantastic venue that's away from the main strip but close to a wide selection of restaurants and shops.

Reno is more than just casinos! Tee off at one of the area's 45 golf courses, tour the National Automobile Museum or take a stroll along the Riverwalk.

Lake Tahoe and its beautiful splendor are just a short drive from the city. Book a cruise on the lake, or explore around the largest alpine lake in North America.

**BUILD A BETTER CAREER.
YOUR BLUEPRINT IS AT SAFETECH 2023.
WWW.SAVTA.ORG**



The 2023 Safe & Vault Technicians Association Convention & Trade Show

April 17–22, 2023 | Atlantis Casino Resort, Reno, Nevada | Trade Show: April 22, 2023

Early Registration Discount Deadline: March 24, 2023

On-Site Registration

On-site Registration is Sunday, April 16 from 10 a.m. to 2 p.m. and daily after that starting at 7 a.m.

Classes

Monday, April 17, through Friday, April 21, 2023

Trade Show

Saturday, April 22, 2023, 10 a.m. to 4 p.m.
Meet one-on-one with suppliers and industry experts while viewing the latest products under one roof at the SAFETECH 2023 Trade Show. Stay all day for a chance to win one of the many prize drawings, including a grand prize SAFETECH 2024 Convention package. **You must be present to win.**

Don't Miss the Trade Show!

- Special Deals
- New SAVTA Shirts
- New Products
- Networking
- WIN PRIZES every hour!

Education and Events

All packages include:

- Full-day classes with breaks and lunch on each day of class
- Free entrance to the Trade Show
- Swap Meet
- The Kick-Off Party
- Friends of SAVTA Live Auction

Remember to register by March 24, 2023, for discounted prices.



HEALTH NOTICE AND DISCLAIMER: SAVTA reserves the right to unilaterally cancel the event if, in its sole judgment, it reasonably determines that conducting the event will present an unreasonable risk to the health or safety of participants and staff. SAVTA shall review CDC and state and local governmental rules and guidelines concerning large gatherings, the need for face coverings and social distancing as well as the availability of public transportation for members and others to travel to the event site. In the event that SAVTA determines to cancel the event, it shall give as much notice to participants as may be reasonable under the circumstances. SAVTA shall provide a full refund of amounts paid by participants or if acceptable to the participant a credit toward participation in a future SAVTA event. Such refund or credit shall be SAVTA's only obligation to participants.

HOTEL

Atlantis Casino Resort & Spa
3800 S. Virginia Street
Reno, NV 89502
(800) 723-6500
Register online at savta.org

Discounted Group Rates:

\$109++ Sunday–Thursday

\$139++ Friday and Saturday

Resort Fee is waived for SAFETECH Attendees

++ Rates will have 13% tax and \$2 per room per night tourism surcharge added

Discount rate cut-off: Wednesday, March 22, 2023, at 5 p.m., after which the rate may increase, and rooms may not be available any longer.



General Information

SAFETECH 2023 is a private event for the benefit of SAVTA and its members and guests. Admission to the trade show and educational programs shall be limited to registrants and guests invited by SAVTA. SAVTA reserves the right to deny admission to any person.

Parking

The Atlantis Casino Resort & Spa offers complimentary self-parking for hotel guests.

Transportation

Shuttle Service to/from Reno Airport

The resort is conveniently located minutes from the Reno-Tahoe International Airport and offers a complimentary airport shuttle for all hotel guests.

The Atlantis resort shuttle runs from 4:30 a.m. until 12:30 a.m. The shuttle departs the airport every 30 minutes and can be found directly outside baggage claim. It departs the Atlantis resort every 30 minutes, on the hour and half hour.

Come enjoy the beautiful newly renovated Atlantis Casino Resort & Spa! Hotel reservations made after 5 p.m. on Wednesday, March 22, 2023, will be based on availability at the group rate.

Reservations can be secured by calling the hotel toll-free at (800) 723-6500 and using the group name “SAVTA” or “SAFETECH.” Reservations can also be made online using the hotel link listed above or under the Convention tab on [SAVTA.org](https://savta.org).

PLEASE IGNORE EMAILS AND PHONE CALLS OFFERING ASSISTANCE WITH BOOKING YOUR GUEST ROOM. ONLY BOOK YOUR HOTEL ROOM WITH THE INFORMATION PROVIDED ABOVE OR AT [WWW.SAVTA.ORG](https://www.savta.org).

SAVTA IS NOT WORKING WITH ANY THIRD-PARTY COMPANIES.

CLASS + EXHIBITS PRICING

PRICING	On or Before March 24	After March 24
Ponderosa Package (5 days)		
Member (SAVTA or ALOA)	\$1,255	\$1,375
Non-Member	\$1,475	\$1,595
Little Joe Package (4 days)		
Member (SAVTA or ALOA)	\$1,105	\$1,225
Non-Member	\$1,275	\$1,395
Hoss Package (3 days)		
Member (SAVTA or ALOA)	\$965	\$1,085
Non-Member	\$1,135	\$1,255
Adam Package (2 days)		
Member (SAVTA or ALOA)	\$695	\$835
Non-Member	\$865	\$975
Hop Sing Single Day (1 day)		
Member (SAVTA or ALOA)	\$380	\$415
Non-Member	\$445	\$485
Trade Show Only (Free if taking classes)		
If Taking Classes	Free	Free
Member (SAVTA or ALOA)	Free	\$20
Non-Member	\$35	\$40
Non-Safe-Tech Guest	\$20	\$25
Spouse/Child	\$10	\$15

TRADE SHOW ONLY NOTICE

Member Registration for the trade show only is FREE THROUGH MARCH 24.
AFTER MARCH 24 AND ON-SITE, MEMBERS WILL BE CHARGED \$20.
If you are taking classes, the trade show is free.

BIG RED SAFE LOCKS



"Big Red, The Safe Lock With The Red Wheels"®

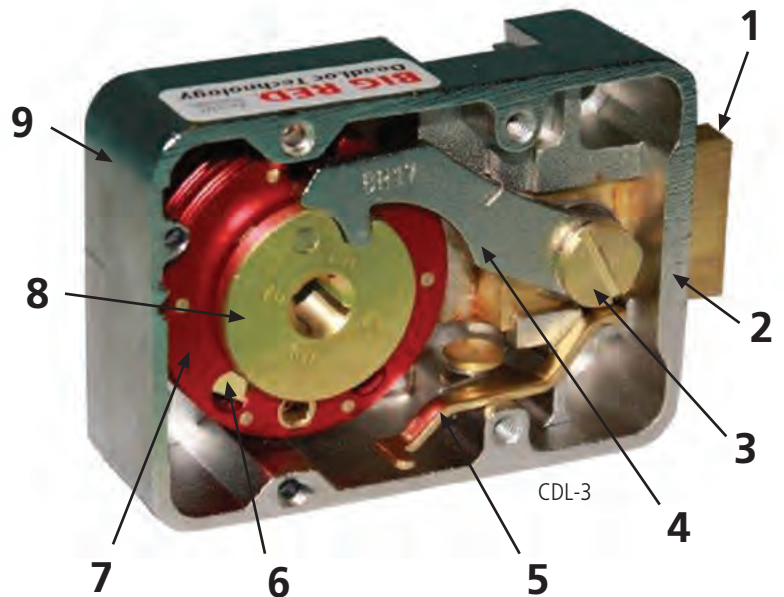
Our CDL Group 2 and Group 2M Series Mechanical Safe Locks With The New BR17 Lever Giving Your End User An Effective ± 1 Opening Tolerance!

Endurance Tested With 531,232 Openings at a Brutal 650+ Openings Per Hour For 35 Days And Fully Documented With Daily Videos. No Other Lock Manufacturer's Lock Can Come Close To Our Test Results,

**Proving Big Red® Safe Locks Are The Most Reliable and
Durable Mechanical Locks Ever Made!**

FEATURES

1. Longer brass locking bolt provides more engagement in lock case and more strength.
2. Heavy duty lock case with reinforced material around locking bolt and front mounting screws offers more punch resistance.
3. Brass Lever Screw.
4. Nickel plated BR17 lock lever giving your end users an effective ± 1 opening tolerance.
5. Internal Relocker System to protect against punch attack.
6. Double locking brass wheel levers and inner brass wheel featuring our exclusive DeadLoc Technology® to prevent combination number jumping.
7. Our signature trademarked red anodized aluminum wheels assures it's a Big Red®.
8. Brass drive cam for long service life attaches to brass dial spindle with stainless steel spline key to ensure firm fit.
9. Nickel plated lock case for corrosion resistance in harsh environments and longer cycle life.
10. Optional dial & ring styles and finishes; including our customer friendly rubber dial grip.



**FOR YOUR SECURITY SOLUTIONS, PLEASE VISIT
OUR WEBSITE: WWW.BIGREDSAFELOCKS.COM**

2022-01-11 v1

Swap Meet

6:00 p.m. to 10:00 p.m., Thursday, April 20

Pick up some bargains and sell some of your spare items! There are always good deals to be had.

SAFETECH 2023 Kick-Off Party

7:00 p.m., Friday, April 21

This is a don't-miss event every year! Be sure to attend this party with a great atmosphere to mix and mingle with suppliers and colleagues. The Kick-Off Party is being generously sponsored by Lockmasters, Inc.

LOCKMASTERS[®]

I N C O R P O R A T E D

Friends of SAVTA Live Auction

**Immediately following the Kick-Off Party,
Friday, April 21**

After enjoying the Kick-Off Party, please join us for the Friends of SAVTA Live Auction, hosted by Lockmasters. This is an important fundraiser for SAVTA, but it's also a lot of fun! Pick up some interesting collectible items, useful tools and bargains.

If you are interested in donating items for the auction, please mail items to:

**Friends of SAVTA Live Auction
1408 N. Riverfront Blvd., Suite 303
Dallas, TX 75207**

Items must be received by March 24.

**REQUEST FORMS FOR 50/50 WILL ONLY
BE ACCEPTED UNTIL 5:00 P.M., THURSDAY,
APRIL 20 (THE DAY BEFORE AUCTION).**

Membership Meeting

8:30 a.m., Saturday, April 22

Attend to elect new SAVTA board members, get updates on association happenings, and provide feedback and ideas to the SAVTA board and staff.

SAVTA Raffle

In your tote bag at Registration, you'll receive one raffle ticket. Be sure to hang on to it for the trade show! You can also purchase extra tickets at Registration or the SAVTA booth at the trade show. Then listen for your ticket number to be announced for prizes at the trade show. **Must be present to win.**

Harry C. Miller Manipulation Contest

11:00 a.m. to 3:00 p.m., Saturday, April 22

Try your hand at manipulating locks and win some glory and a handshake. In addition to the manipulation contest, there will be a Group 2M competition that will include Big Red, Sargent & Greenleaf and LA GARD Group 2M locks — with an exciting grand prize!

Hall of Fame/2022 In Memoriam

Be sure to take a moment to honor the SAVTA Hall of Fame members and the SAVTA members who passed in 2022. They will be honored on the monitor at Registration and at the SAVTA booth.



Special Event Sponsorship Support Generously Supplied By



LOCKMASTERS[®]

I N C O R P O R A T E D

CLASS TRACKS + SCHEDULE

Monday, April 17	Tuesday, April 18	Wednesday, April 19
Registration: 7:00 a.m. – 5:00 p.m. Classes: 8:00 a.m. – 5:00 p.m.	Registration: 7:30 a.m. – 5:00 p.m. Classes: 8:00 a.m. – 5:00 p.m.	Registration: 7:30 a.m. – 5:00 p.m. Classes: 8:00 a.m. – 5:00 p.m.
101 Method of Entry - Lever Locks (Single Day)	201 Method of Entry - Lever Locks (Single Day)	301 Digital Manipulation for Mechanical Safe Locks
102 Mechanical Combination Lock 101	202 Alternate Opening - Scoping the Change Keyhole/Transferring	302 GSA Container Identification
103 Forensics for the Safe Technician (Day 1 of 2)	203 Forensics for the Safe Technician (Day 2 of 2)	303 Dialing for Dollars With Diagnostics
104 Common Key-Operated Locks in the U.S.	204 Spiking Electronic Safe Locks (Single Day)	304 Spiking Electronic Safe Locks (Single Day)
105 Grow Your Bottom Line - Understanding E-Locks	205 S&G Electronic Safe Locks	305 SecuRam Electronic Safe Locks
106 Basic Safe Opening		306 Advanced Safe Opening & Repair (Day 1 of 2)
	207 Principles of Safe Manipulation	307 ST/PRP Prep & CPS (Day 1 of 2)
		ST/PRP Testing: Day and Time TBD

Class Tracks

If you are interested in a specific type of safe education, use the color coding below/above to help select your classes. **Choose only one class per day.**

GSA Track

302: GSA Container Identification
 408/508: GSA Approved High Security Lock Training 2740B & 2890C

Manipulation Learning Track

207: Principles of Safe Manipulation
 301: Digital Manipulation for Mechanical Safe Locks

E-Lock Safe Learning Track

105: Grow Your Bottom Line - Understanding E-Locks
 204 or 304: Spiking Electronic Safe Locks (Single Day)
 205: S&G Electronic Safe Locks
 305: SecuRam Electronic Safe Locks
 405: Tecnosicurezza E-Locks
 505: IP & OTC E-Locks
 507: APEXX AXESSOR IP Lock Market Introduction

Business/Sales/Marketing Class

403: Social Media From Beginners to Experts

Thursday, April 20	Friday, April 21	Saturday, April 22
Registration: 7:30 a.m. – 5:00 p.m. Classes: 8:00 a.m. – 5:00 p.m.	Registration: 7:30 a.m. – 5:00 p.m. Classes: 8:00 a.m. – 5:00 p.m.	Registration: 8:30 a.m. – 2:00 p.m.
401 Safe Lock Embellishing	501 Bank Vault Electronics Conversion	CMST Breakfast (By Invitation Only): 7:30 a.m.
402 Timelock Maintenance and Adjustment (Day 1 of 2)	502 Timelock Maintenance and Adjustment (Day 2 of 2)	Membership Meeting: 8:30 a.m.
403 Social Media From Beginners to Experts		Trade Show Exhibits: 10:00 a.m. – 4:00 p.m.
404 Intro to Key-Operated Safe Locks and Basic Picking (Single Day)	504 Intro to Key-Operated Safe Locks and Basic Picking (Single Day)	Harry C. Miller Manipulation Contest: 11:00 a.m. – 3:00 p.m.
405 Tecnosicurezza E-Locks	505 IP & OTC E-Locks	
406 Advanced Safe Opening & Repair (Day 2 of 2)	506 Safe Repair: Hot and Cold Methods	
407 ST/PRP Prep & CPS Exam (Day 2 of 2)	507 APEXX AXESSOR IP Lock Market Introduction	
408 GSA Approved High Security Lock Training 2740B & 2890C (Day 1 of 2)	508 GSA Approved High Security Lock Training 2740B & 2890C (Day 2 of 2)	
Swap Meet: 6:00 p.m. – 10:00 p.m.	The Kick-Off Party, followed by Friends of SAVTA Live Auction: 7:00 p.m.	

SAVTA does not approve or endorse any product or service advertised, described or referenced in this publication. Evaluation, purchase and use of any such product or service is the sole responsibility of the reader. SAVTA retains the right to review and reject products and services from time to time. However, inclusion in this publication does not constitute approval or endorsement.

Safe Opening Track

101 or 201: Method of Entry - Lever Locks (Single Day)
106: Basic Safe Opening
202: Alternate Opening - Scoping the Change Keyhole/Transferring
306/406: Advanced Safe Opening & Repair (Two Day)
404 or 504: Intro to Key-Operated Safe Locks and Basic Picking (Single Day)

Certification

307/407: ST/PRP Prep & CPS Exam (Two Day)

Forensic Safe Class

103/203: Forensics for the Safe Technician (Two Day)

CLASS DESCRIPTIONS

Information is correct as of December 9, 2022.

Below each description is the class content breakdown showing the percentage of hands-on instruction versus lecture portion in each class. There is also an indicator — based on the instructors' recommendations — of any prerequisite class or skillset, if required, for each class.

B Beginner **I Intermediate** **A Advanced**

Monday, April 17

Full Day Classes: 8:00 a.m. to 5:00 p.m.

101: Method of Entry - Lever Locks (Single Day) **B I**

Instructor: Russell Davies, CPS

Class Track: Safe Opening

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

Class Limit: 15

101R Lab Fee- REQUIRED: \$40 Fees for materials used in class

Identify lever lock type (safe). You will be using tools to carry out identifying lock parts, levers and measurements. Fabricate lock picks from Spring wires and pick locks open. This same class will be offered two (2) times, same class, on two (2) days; 101 or 201. Choose one (1) of the two (2) days available.

102: Mechanical Combination Lock 101 **B**

Instructor: Mike Potter, CPS

Class Track: Safe & Vault

Class Content: 10% Lecture/90% Hands-On

Class Limit: 16

Getting started in safe and vault servicing can be tricky and somewhat intimidating. Get a good foundation and learn the basics. We will cover servicing modern 3- and 4-wheel locks, antique locks and touch on locks found on bank vaults.

103: Forensic for the Safe Technician (Day 1 of 2) **I**

Instructor: James K. Ashley, CPL, CMST, CEL, CAI, CFL, CFMST

Class Track: Forensic

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

Class Limit: 30

103R Lab Fee – REQUIRED: \$40 for Forensics Locksmith Manual

This is an introductory class on forensics for safe techs. Each student will be taught basic forensic study of locks, nomenclature and terminology relating to how to examine for bypass marks. We will review actual field cases relating to safes that were

opened in various ways. You will see the tools used in the study of forensics examination. This class is one of the required classes to take your certified forensic locksmith (CFL) exam in safes and vaults.

104: Common Key Operated Locks in the U.S. **B**

Instructor: Joseph R. Reustle, CPS, CAI, GSAT

Class Track: Safe & Vault

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

Class Limit: 12

104R Lab Fee- REQUIRED: \$40 for tools, servicing locks and set-up keys

Students will be taught about the FAS Key Lock, S&G 6804 Lock and LaGard 2200 Key Lock. We will take apart locks and learn to reset them as if the safe is open and the key was lost. We will discuss opening of locks. There will be no drilling or defeat of locks in this class.

105: Grow Your Bottom Line - Understanding E-Locks **I**

Instructor: Phil Sutherland

Class Track: E-locks

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

Class Limit: 20

By the end of this class, students will:

- Understand the anatomy of electronic safe locks (hardware, language, programming).
- Increase ability to identify and select the correct hardware for your application.
- Increase awareness of lock language: If you don't speak it, look it up.
- Understand the definition of programmable options. It's what differentiates one model from the next.
- Understand general troubleshooting and servicing tips.

106: Basic Safe Opening ^B

Instructor: Joseph R. Reustle, CPS, CAI, GSAT

Class Track: Safe Opening

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

Class Limit: 24

Class Requirement: Students should be proficient in understanding how a combination lock functions and proper names of its parts. Students should also be able to use basic tools and read a tape measure.

106R Lab Fee – REQUIRED: \$75 for consumables and shipping of safes.

Students will be taught about the basic tools and how to use them. We will cover drilling of mechanical safe locks as well as some ways to overcome some malfunctions without drilling.

Tuesday, April 18

Full Day Classes: 8:00 a.m. to 5:00 p.m.

201: Method of Entry - Lever Locks (Single Day) ^B ^I

Instructor: Russell Davies, CPS

Class Track: Safe & Vault

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

Class Limit: 15

201R Lab Fee- REQUIRED: \$40 Fees for materials used in class

Identify lever lock type (safe). You will be using tools to carry out identifying lock parts, levers and measurements. Fabricate lock picks from spring wires and pick locks open. This same class will be offered two (2) times, same class, on two (2) days; 101 or 201. Choose one (1) of the two (2) days available.

202: Alternate Opening - Scoping the Change Keyhole and Transferring ^I

Instructors: Andy Dennison and Dan Billheimer

Class Track: Safe Opening

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

Class Limit: 10

Having the ability to decode a safe lock combination through the change keyhole can mean avoiding drilling a safe door and encountering harplate, glass relockers and a variety of other challenges. It also can mean saving an irreplaceable dial or lock. This class will explore methods used to decode mechanical safe lock combinations by using borescopes and other optical devices to examine the wheels through the lock's change keyhole. We will also explore the techniques used in transferring readings of a drilled safe lock when the drill point is not near the lock's drop-in.

203: Forensic for the Safe Technician (Day 2 of 2)

See Class 103.

204: Spiking Electronic Safe Locks (Single Day) ^I

Instructor: Lance Mayhew

Class Track: E-locks

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

Class Limit: 16

204R1 Lab Fee – REQUIRED: \$425 for Valkyrie, textbook and materials

204R2 Lab Fee- REQUIRED: \$175 for Valkyrie and materials (for students who already have the textbook)

204R3 Lab Fee- REQUIRED: \$25 for materials (for students who already have the textbook and Valkyrie)

This class will cover how to "hot-wire" an electronic lock and either reset the combination or unlock it directly. We'll start with the basics: circuitboard construction, component identification, spike targets, different spike circuits and when to use them. After that comes tools and toolmaking: how to find or make the tools you'll need to penetrate the lock body and spike the lock. Finally, we'll examine specific attack methods and strategies for different locks and continue as long as we have remaining time. Regarding the lab fees, the textbook and Valkyrie will be required for the class. To qualify for a reduced lab fee, the student must already own the textbook and/or Valkyrie and bring it (or them) to class. This same class will be offered two (2) times, same class, on two (2) days; 204 or 304. Choose one (1) of the two (2) days

205: S&G E-Locks ^B ^I

Instructor: Phil Sutherland

Class Track: E-locks

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

Class Limit: 20

CLASS GOALS: By the end of this class, you will be able to:

- Understand the anatomy of S&G electronic safe locks (hardware, language and programming).
- Increase the ability to identify, select the correct hardware for your application.
- Increase awareness of lock language. If you don't speak it, look it up.
- Understand the definition of programmable options. It's what differentiates one model from the next.
- Understand general troubleshooting and servicing tips.

Lock models covered: 6120, Spartan and Titan

CLASS DESCRIPTIONS

207: Principles of Safe Manipulation ^B

Instructor: Harry Sher, CPS

Class Track: Manipulation

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

Class Limit: 25

Manipulation is the art of opening combination locks without prior knowledge or information as to the present combination. It 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.

Wednesday, April 19

Full Day Classes: 8:00 a.m. to 5:00 p.m.

301: Digital Manipulation for Mechanical Safe Locks ^B

Instructor: Russell Davies, CPS

Class Track: Manipulation

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

Class Limit: 10

301R Lab Fee – REQUIRED: \$90 for materials used in class

Candidate will be shown how to manipulate a mechanical combination lock with a digital manipulation aid.

302: GSA Container Identification ^B

Instructor: Andy Dennison

Class Track: GSA

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

Class Limit: 15

This class is an overview of GSA-approved containers and vault doors. The class will explain the history and usage of GSA-approved security equipment, go over the many different classes and manufacturers of these products and how to identify them correctly. If you work on GSA containers and vault doors, this class will help in understanding the special nature of these products, clear up misunderstandings and shed some light on things to come in the GSA security equipment realm.

303: Dialing for Dollars With Diagnostics ^A

Instructor: James K. Ashley, CPL, CMST, CEL, CAI, CFL, CFMST

Class Track: Safe & Vault

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

Class Limit: 20

Class Requirement: Students must have experience in safe locks or take the Intro to Mechanical Safe Lock class

When you get called to open a safe with a mechanical lock, take some time to diagnose the problem — and this class will show you how! Experience real-world safe problems and be taught how to overcome them. Topics covered include loose dial rings, spline keys, fired relockers, problems experienced with combination changing, proper cleaning and lubrication, preventative maintenance and ultimately knowing when to break out a drill based on your diagnostics.

304: Spiking Electronic Safe Locks (Single Day) ^I

Instructor: Lance Mayhew

Class Track: E-locks

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

Class Limit: 16

304R1 Lab Fee – REQUIRED: \$425 for Valkyrie, textbook and materials

304R2 Lab Fee- REQUIRED: \$175 for Valkyrie and materials (for students who already have the textbook)

304R3 Lab Fee- REQUIRED: \$25 for materials (for students who already have the textbook and Valkyrie)

This class will cover how to “hot-wire” an electronic lock and either reset the combination or unlock it directly. We’ll start with the basics: circuitboard construction, component identification, spike targets, different spike circuits and when to use them. After that comes tools and toolmaking: how to find or make the tools you’ll need to penetrate the lock body and spike the lock. Finally, we’ll examine specific attack methods and strategies for different locks and continue as long as we have remaining time. Regarding the lab fees, the textbook and Valkyrie will be required for the class. To qualify for a reduced lab fee, the student must already own the textbook and/or Valkyrie and bring it (or them) to class. This same class will be offered two (2) times, same class, on two (2) days: 204 or 304. Choose one (1) of the two (2) days available.

305: SecuRam - Electronic Safe Locks ①

Instructor: Phil Sutherland

Class Track: E-locks

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

Class Limit: 20

CLASS GOALS: By the end of this class, you will be able to:

- Understand the anatomy of SecuRam electronic safe locks (hardware, language and programming).
- Increase the ability to identify, select the correct hardware for your application.
- Increase awareness of lock language. If you don't speak it, look it up.
- Understand the definition of programmable options; it's what differentiates one model from the next.
- Understand general troubleshooting and servicing tips.

Lock models covered:

- SafeLogic (Basic, C10 Direct Drive)
- ProLogic (L02, L22, L62, L66)

306: Advanced Safe Opening & Repair (Day 1 of 2) ①

Instructor: Joe Reustle, CPS, GSAT, CAI

Class Track: Safe Opening

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

Class Limit: 20

Class Requirement: Basic Safe Opening Class. Students should also be able to use basic tools and read a tape measure.

306R Lab Fee – REQUIRED: \$135 for consumables and shipping of safes

Students will learn about safe construction, hardplates and relockers. We will cover drilling of mechanical safe locks, electronic locks and relockers. We will also cover repairs of our hole. Students will have to repair the safe they drill to be fully functioning before moving on to the next safe.

307: ST/PRP Prep & CPS Exam (Day 1 of 2) ①

Instructor: Harry Sher, CPS

Class Track: Certification

Class Content: 90% Lecture/10% Hands-On

Class Limit: 30

307R Lab Fee – REQUIRED: \$160 for Safe Technician's Reference Manual (unless you already own a copy)

This two-day class is designed as a review to prepare participants for the ST/PRP certification test; it

is an excellent overview of the wide range of topics related to safes and safe locks. Students will participate in two days of fast-paced instruction and hands-on training, covering basic and advanced theory and operation of safes and safe locks. Safe and safe lock construction, ratings, container classifications, servicing and defeat methods are just some of the subjects covered in class. Students will also be taught the proper way to scope a change keyhole, lock defeat methods, drill point options, how to pull various dials, lock handing, safe door handing, lock-out diagnostics, the correct way to drill and transfer and much more. An in-class ST/PRP exam will be given the second half of day two. The Safe Technician's Reference Manual will be required for each student for use in class unless you own and bring the book to class.

Thursday, April 20

Full Day Classes: 8:00 a.m. to 5:00 p.m.

401: Safe Lock Embellishing ②

Instructor: Gene Gyure, CRL, CAI, GSAI

Class Track: Safe & Vault

Class Content: 10% Lecture/90% Hands-On

Class Limit: 15

401R Lab Fee – REQUIRED: \$75 for materials used in class

The student will be taught various methods of safe lock embellishing, including cleaning, filing, carving and jewelry techniques for both mechanical dial and lever-type locks. Techniques taught can be used on items other than safe locks.

402: Timelock Maintenance and Adjustment (Day 1 of 2) ①

Instructor: Ed March

Class Track: Safe & Vault

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

Class Limit: 12

402R Lab Fee – REQUIRED: \$275 for timelock tools provided. We will be using the TMI journeyman kit.

This two-day hands class will detail the maintenance and adjustments of the timelocks. We will be covering the S&G modern timelocks and the 16000 series TMI timelocks. Proper techniques and safety will be covered in-depth. At the end of the class, students will be able to adjust and clean timelocks.

CLASS DESCRIPTIONS

403: Social Media From Beginners to Experts **B** **1**

Instructor: Wayne Winton

Class Track: Business

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

Class Limit: 40

Class Requirement: Must be able to use a smart-phone or computer.

In the introduction class in the morning, we will teach you how to create a Gmail account and then open subsequent accounts on different platforms such as Facebook, Instagram, TikTok and more. We will go over how to get more reviews for your business and how to manage poor reviews. This class will help you to build a firm foundation for your business to be relevant online. It will also be very helpful in be taughting how to get your business listed on Google.

The advanced course in the afternoon will be aimed toward learning what to post and how to post to generate traffic to your business and create a nice return on your investment. We will dive deep into Facebook and learn how to use community buy/sell/trade groups to your business's advantage. We will also go into how to create Facebook, Instagram and Google PPC (pay per click) ads.

404: Intro to Key Operated Safe Locks and Basic Picking (Single Day) **1**

Instructor: Joseph Feinberg

Class Track: Safe Opening

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

Class Limit: 12

Class Requirement: Basic knowledge of picking and how safes and locks operate. Participants must have common knowledge of operation of safes and basic lock-picking skills. 2-in-1 picks are not for heavy-handed people, and care must be taken when using them.

In this introductory class, you will be taught the operation of key-operated safe locks and how to identify many of the common key locks found on high-security safes and vaults used throughout the world. We will cover basic picking techniques, demonstrate the operation of 2-in-1 picks and show various tools and decoders that are available. We will be using the 7-lever Powerlock in the picking portion of the class. This same class will be offered two (2) times, same class, on two (2) days; 404 or 504. Choose one (1) of the two (2) days available.

405: Tecnosicurezza E-Locks **1**

Instructor: Phil Sutherland

Class Track: E-locks

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

Class Limit: 20

CLASS GOALS: By the end of this class, students will be able to:

- Understand the anatomy of Tecnosicurezza electronic safe locks (hardware, language, programming).
- Increase their ability to identify and select the correct hardware for your application.
- Increase their awareness of lock language. If you don't speak it, look it up.
- Understand the definition of programmable options. It's what differentiates one model from the next.
- Understand general troubleshooting and servicing tips.

Lock models covered: Pulse, PulsePro, MiniTech and TechMaster.

406: Advanced Safe Opening & Repair (Day 2 of 2)

See Class 306.

407: ST/PRP Prep & Exam Day (Day 2 of 2)

See Class 307.

408: GSA Approved High Security Lock Training (2740B & 2890C) (Day 1 of 2) **1**

Instructor: Michael Brislin

Class Track: GSA

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

Class Limit: 12

Class Requirement: Mechanical lock and door preparation experience is recommended.

S&G is excited to return to product training with GSA Approved Lock Training. This training will focus on the 2740B and 2890C high security lock products. Both products support securing classified information on either GSA Containers or SCIF Entrances. This two-day course will be hands-on and real-world experience based. Students completing the training will be factory certified technicians and have the opportunity to be listed on the S&G Technician database.

Friday, April 21

Full Day Classes: 8:00 a.m. to 5:00 p.m.

501: Bank Vault Electronics Conversion A

Instructor: Adam Lewis

Class Track: Safes & Vaults

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

Class Limit: 12

Class Requirement: Experience servicing and repairing bank vaults.

Technology has changed the banking industry, and with those changes security must keep pace with the needs of today's financial institutions. Adapting vaults to meet these needs can be difficult. This class is aimed at exploring the available options and overcoming engineering challenges. We'll discuss some of the factors when choosing what solution is right for its application and the advantages and disadvantages of some products,

504: Intro to Key Operated Safe Locks and Basic Picking (Single Day) 1

Instructor: Joseph Feinberg

Class Track: Safe Opening

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

Class Limit: 12

Class Requirement: Basic Knowledge of picking and how safes and locks operate. Participants must have common knowledge of operation of safes and basic lock-picking skills. 2-in-1 picks are not for heavy-handed people, and care must be taken when using them.

In this introductory class, you will be taught the operation of key-operated safe locks and how to identify many of the common key locks found on high-security safes and vaults used throughout the world. We will cover basic picking techniques, demonstrate the operation of 2-in-1 picks and show various tools and decoders that are available. We will be using the 7-lever Powerlock in the picking portion of the class. This same class will be offered two (2) times, same class, on two (2) days: 404 or 504. Choose one (1) of the two (2) days available.

505: IP & OTC E-Locks 1

Instructor: Phil Sutherland

Class Track: E-locks

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

Class Limit: 20

This class will go over the following:

- An in-depth review of one-time-use-code safe locks, IP connected safe locks and cloud-based

app operated locks.

- Understanding the anatomy of said lock model types (hardware, software, app).
- Understanding the operational process of each lock model type.

Lock models covered:

- Securam (R22, Prologic OTC and WebLink)
- S&G (A-Series)
- Tecnosicurezza (MiniTech, TechMaster and Sera4)

506: Safe Repair: Hot and Cold Methods 1

Instructor: Wayne Winton

Class Track: Safe & Vault

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

Class Limit: 40

506R Lab Fee – REQUIRED: \$80 for tapcons, drill bits, grinding disks, welding rods, bondo and paint.

This is a total repair class. We will have the holes repaired and new or used locks on them so when the safe drilling class is done drilling, we can fix all the safes to get them ready for the next drilling class. We will cover hot and cold repair techniques on actual safes and containers. Concepts like changing the lock will change the drill point of the container and force the next safe tech or burglar to drill another hole through the factory hardplate as the drill point will be moved. Cold repair plus a lock. Cold repair will consist of taper pins, Topcon, GSA safe saver pins, possibly safe repair pins and things like Bondo.

507: APEXX AXESSOR IP Lock Market Introduction 1

Instructor: Axel de Blok

Class Track: E-locks

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

Class Limit: 30

Class Requirement: Basic E-Lock (LA GARD)

507O Lab Fee – OPTIONAL: \$100 lock/keypad/stand (optional) if wanted for ongoing training/support.

This class will be an overview of dormakaba's electronic lock offerings that include a variety of brands: Auditon, Cencon, LA GARD and Axessor IP. This class will provide a full overview of products we sell on the electronic lock side.

508: GSA Approved High Security Lock Training (2740B & 2890C) (Day 2 of 2)

See Class 408.

SAFETECH 2023 REGISTRATION FORM



Registration Checklist

There are three easy ways to register:

☐ **ONLINE:** Go to www.savta.org to register online. **This is the easiest and safest way to register!**

☐ **FOR EMAIL, MAIL OR FAX:**

Complete sections 1-4 in this form and send with payment information to conventions@aloe.org or **SAFETECH Registration, 1408 N. Riverfront Blvd., Suite 303 Dallas, TX 75207**. If mailing and paying by check, please include your check for payment. If faxing, please send your forms with payment information to (469) 453-5241.

Registration is also available online at savta.org under the convention tab!

1 Registrant Information

Please type or print your information.

ST/PRP Status:

☐ **SAVTA Member #** _____

☐ CPS

☐ CMST

☐ CFL

☐ **ALOA Member #** _____

☐ CRL

☐ CPL

☐ CML

☐ Other _____

☐ **Non-Member**

Become a member during the show and we will waive the application fee on new applications.

(REQUIRED) Check the box that applies best for each of the following:

1. Are you a first-time attendee? ☐ Yes ☐ No

2. Will you be attending the Kick-Off Party? ☐ Yes ☐ No Total Number Attending _____

3. Choose your role: ☐ Business Owner ☐ Employee

4. Size of Business: ☐ Owner Only ☐ 1-3 Employees ☐ 4-6 Employees ☐ 7 or More Employees

5. Choose your purchasing role: ☐ Decision Maker ☐ Recommend Products

6. Will you attend the trade show? ☐ Yes ☐ No

7. How much time will you spend at the trade show? ☐ 1-3 Hours ☐ 4-6 Hours

8. Do you have any food allergies or special dietary needs (other than kosher)?

☐ Yes ☐ No Identify: _____

Registrant

Email _____

First Name _____

Last Name _____

Preferred Name for Badge _____

Company Name _____

Street or P.O. Box _____

City/State or Province _____

ZIP/Postal Code _____ Country _____

Work Number _____ Cell Number _____

Is This an Address Change? ☐ Yes ☐ No

Guest's Full Name (If Attending) _____

2

Convention Package Selection/Extra Options

Please mark your package choice below:

	On or by 3/24	After 3/24	Total
5 Ponderosa Package (5 days)			
☐ Member (SAVTA or ALOA)	\$1,255	\$1,375	_____
☐ Non-Member	\$1,475	\$1,595	_____

4 Little Joe Package (4 days)			
☐ Member (SAVTA or ALOA)	\$1,105	\$1,225	_____
☐ Non-Member	\$1,275	\$1,395	_____

3 Hoss Package (3 days)			
☐ Member (SAVTA or ALOA)	\$965	\$1,085	_____
☐ Non-Member	\$1,135	\$1,255	_____

2 Adam Package (2 days)			
☐ Member (SAVTA or ALOA)	\$695	\$835	_____
☐ Non-Member	\$865	\$975	_____

1 Hop Sing (1 day)			
☐ Member (SAVTA or ALOA)	\$380	\$415	_____
☐ Non-Member	\$445	\$485	_____

Exhibits Only (Free if taking classes)

☐ Taking Classes	Free	Free	_____
☐ Member (SAVTA or ALOA)	Free	\$20	_____
☐ Non-Member	\$35	\$40	_____
☐ Non-Safe-Tech Guest	\$20	\$25	_____
☐ Spouse/Child	\$10	\$15	_____

Lab Fees & Materials

(See Class Description for details)

R = Required Lab Fee

☐ 101R	\$40	_____
☐ 103R	\$40	_____
☐ 104R	\$40	_____
☐ 106R	\$75	_____
☐ 201R	\$40	_____
☐ 204R1	\$425	_____
☐ 204R2	\$175	_____
☐ 204R3	\$25	_____
☐ 301R	\$90	_____

O = Optional Lab Fee

☐ 304R1	\$425	_____
☐ 304R2	\$175	_____
☐ 304R3	\$25	_____
☐ 306R	\$135	_____
☐ 307R	\$160	_____
☐ 401R	\$75	_____
☐ 402R	\$275	_____
☐ 506R	\$80	_____
☐ 507O	\$100	_____

Refer to the next page to choose your tests, and mark here which level of testing you are taking. NOTE: There will be no test registration accepted after March 24, 2023.

ST/PRP Evaluation, CPS

☐ SAVTA/ALOA Member	\$100	_____
☐ Non-Member	\$250	_____

ST/PRP Evaluation, CMST

☐ SAVTA/ALOA Member	\$145	_____
☐ Non-Member	\$300	_____

ST/PRP Evaluation, CFL Safe & Vault

☐ IAIL Member	\$150	_____
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PRP Evaluation

☐ SAVTA/ALOA Member	\$125	_____
☐ Non-Member	\$315	_____

Safe Technician's Reference Manual**Only active SAVTA members may purchase this manual.**

☐ SAVTA Member	\$160	_____
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A Guide Through the ALOA PRP

☐ Members/Non-Members	\$99	_____
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SAVTA Membership RENEWAL ONLY

☐ Annual Dues (MDD)	\$240	_____
☐ Canada Dues (MDC)	\$255	_____
☐ Overseas Dues (MDI)	\$305	_____
☐ Domestic Go Green Dues (MDDG)	\$210	_____
☐ Canada Go Green Dues (MDCG)	\$210	_____
☐ Overseas Go Green Dues (MDIG)	\$210	_____

For new membership, use application form on SAVTA.org**PAYABLE IN U.S. FUNDS ONLY!**

AMOUNT: \$

Payment Method
☐ Check # _____
☐ MasterCard ☐ VISA ☐ AMEX ☐ Discover

CARD NUMBER

EXP. DATE

CVV (3- or 4-digit security code)

ZIP/POSTAL CODE

PRINT NAME

SIGNATURE

Registration cancellations received after March 24, 2023, will incur a \$50 processing fee. Registration cancellations and credit requests must be received in writing. All pre-registrations must be pre-paid. Government/institutional payment: Your registration is not saved until payment is complete. Government/institutional purchase orders are acceptable. However, these types of registrations cannot be done online; only by submitting a completed registration form to us by email or mail.

SAFETECH 2023 REGISTRATION FORM

3 Class Registration

Monday, April 17

- 101: Method of Entry - Lever Locks
- 102: Mechanical Combination Lock 101
- 103: Forensics for the Safe Technician (Day 1 of 2)
- 104: Common Key-Operated Locks in the U.S.
- 105: Grow Your Bottom Line - Understanding E-Locks
- 106: Basic Safe Opening

Tuesday, April 18

- 201: Method of Entry - Lever Locks
- 202: Alternate Opening - Scoping the Change Key/Transferring
- 203: Forensics for the Safe Technician (Day 2 of 2)
- 204: Spiking Electronic Safe Locks
- 205: S&G Electronic Safe Locks
- 207: Principles of Safe Manipulation

Wednesday, April 19

- 301: Digital Manipulation for Mechanical Safe Locks
- 302: GSA Container Identification
- 303: Dialing for Dollars With Diagnostics
- 304: Spiking Electronic Safe Locks
- 305: SecuRam Electronic Safe Locks

- 306: Advanced Safe Opening & Repair (Day 1 of 2)
- 307: ST/PRP Prep & CPS Exam (Day 1 of 2)

Thursday, April 20

- 401: Safe Lock Embellishing
- 402: Timelock Maintenance and Adjustment (Day 1 of 2)
- 403: Social Media From Beginners to Experts
- 404: Intro to Key-Operated Safe Locks and Basic Picking
- 405: Tecnosicurezza E-Locks
- 406: Advanced Safe Opening & Repair (Day 2 of 2)
- 407: ST/PRP Prep & Exam Day (Day 2 of 2)
- 408: GSA Approved High Security Lock Training 2740B & 2890C (Day 1 of 2)

Friday, April 21

- 501: Bank Vault Electronics Conversion
- 502: Timelock Maintenance and Adjustment (Day 2 of 2)
- 504: Intro to Key-Operated Safe Locks and Basic Picking
- 505: 505: IP & OTC E-Locks`
- 506: Safe Repair: Hot and Cold Methods
- 507: APEXX AXESSOR IP Lock Market Introduction
- 508: GSA Approved High Security Lock Training 2740B & 2890C (Day 2 of 2)

Class times are 8:00 a.m. to 5:00 p.m. However, instructor has the right to alter based on content of class. Due to class limits, mark your 1st, 2nd and 3rd choices. Indicate choice by Class Number. Some classes fill up quickly. Complete this registration form and Email or mail. **Classes are not confirmed until registration and payment are complete and you have received your confirmation by email. Please confirm that your choices are correct. Register easily and safely now ONLINE at SAVTA.org.**

	1st Choice	2nd Choice	3rd Choice
Monday, April 17			
Tuesday, April 18			
Wednesday, April 19			
Thursday, April 20			
Friday, April 21			

Name _____ Member # _____

Please review the class descriptions prior to indicating your selection.

There will be a \$25 fee to change any classes on-site.

4 ST/PRP Registration

THE ST/PRP test session date and time is TBD.

The two-day CPS Prep Class 307/407 includes the CPS test given on the second day. CPS cannot be taken twice during the convention.

Level Testing For: ☐ CPS ☐ CMST ☐ CRL ☐ CPL ☐ CML ☐ CFL

Below are descriptions of each level and its requirements.

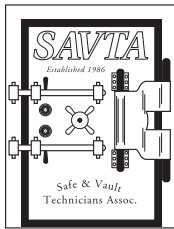
- CPS LEVEL (S-00): Because of the time required, this cannot be taken with any other selection.
- CMST Level (S-01): You must pass the CPS level before taking the CMST level. Cannot be taken with any other test.
- CRL LEVEL: L-00 + two (2) Electives.
- Re-Take CRL LEVEL: If you did not pass the Mandatory, you must choose the Mandatory. 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.
- Re-Take CRL Level: If you passed only the Mandatory, choose up to five (5) Electives.
- CPL LEVEL: CRL + twelve (12) Electives. Choose 12 Electives.
- Re-take CPL or CML LEVEL: Choose up to twelve (12) electives for CPL and up to nine (9) electives for CML.
- CML LEVEL CPL + nine (9) electives.
- CFL LEVEL: Only IAIL members may take the CFL Safe & Vault exam if they can meet the requirements to have it issued. May not test with any other ST/PRP Tests. Must be a member in good standing of both ALOA and the International Association of Investigative Locksmiths (IAIL).

You cannot take more than two electives at a time until you pass the Mandatory.

☐ L-00	Mandatory Categories	☐ L-34	Vault Installation and Service
☐ L-03	Domestic Auto	☐ L-38	Small Format Interchangeable Core
☐ L-04	Foreign Auto	☐ L-39	Large Format Interchangeable Core
☐ L-05	Door Closers	☐ L-40	Electro-Mechanical Access Control
☐ L-07	Life Safety Codes	☐ L-41	Door-Related Hardware
☐ L-08	High Security Cylinder Servicing	☐ L-42	Alarms
☐ L-11	Special Applications Cylinder Servicing	☐ L-43	Detention Locks
☐ L-13	Basic Electricity	☐ L-44	Closed Circuit TV
☐ L-16	Exit Hardware & Exit Alarms	☐ L-46	Networking
☐ L-20	Keyless Mechanical Locks	☐ S-00	Certified Professional Safe Tech (CPS)
☐ L-22	Motorcycle Locks	☐ S-01	Certified Master Safe Tech (CMST)
☐ L-24	Safe Combination Locks	☐ F-03	CFL Safe & Vault
☐ 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		

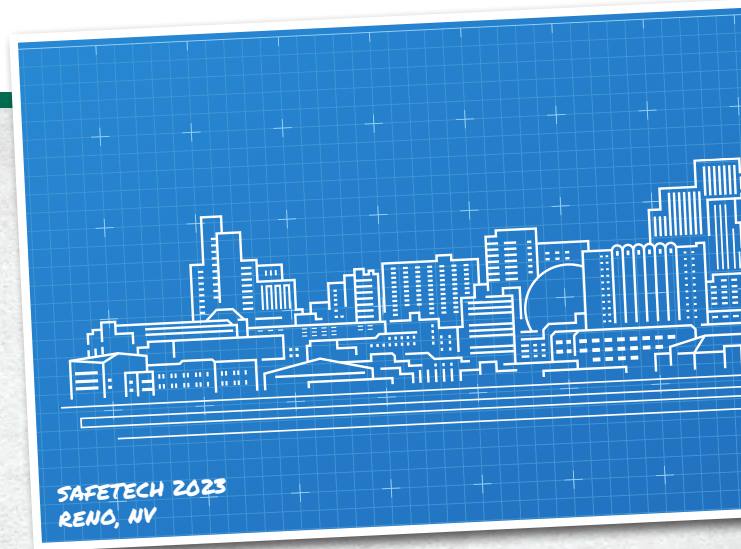
ATTENTION: THIS ST/PRP REGISTRATION MUST BE RECEIVED AT SAVTA BY MARCH 24, 2023. THERE WILL BE NO TEST REGISTRATION ON-SITE.

There will be a \$25 fee to change any classes on-site. If you need clarification before choosing classes, email dawne@aloe.org or call (469)453-5220.



Safe and Vault Technicians Association
1408 N. Riverfront Blvd., Suite 303
Dallas, TX 75207
www.savta.org

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	THE ATLANTIS Reno, Nevada
	CLASSES April 17-21, 2023
	TRADE SHOW April 22, 2023

CONVENTIONS@ALOA.ORG
(800) 532-2562
REGISTER EARLY ONLINE BY MARCH 24
AT SAVTA.ORG.