

**KDL HARDWARE SUPPLY MAY 2023 LOCKSMITH TRAINING
WEDNESDAY MAY 17 THROUGH FRIDAY MAY 19, 2023**



TO ENROLL

- 1. EMAIL YOUR DETAILS TO scott@kdlhardware.com**
- 2. ASK YOUR FAVORITE KDL CSR TO HELP YOU TO ENROLL**
- 3. ENROLL ONLINE www.kdlhardware.com, ONLINE ORDERING, LOGIN, ENTER 'EVENT DETAILS' IN MFG NAME TO SEE A DETAILED LIST OF TRADE SHOW EVENTS AND CLASSES**

DAY	DATE	CLASS TITLE	CLASS HOURS	FEE	ROOM
Wednesday	05/17/23	Door Control: LCN Closers - Morning Session Electrified & Mechanical VonDuprin 98/99 Afternoon	8 am - 4 pm Lunch	\$50	MEETING 'A'
Wednesday	05/17/23	Master Keying - <i>Basic</i> (1/3)	8 am - 5 pm Lunch	\$75	MEETING 'B'
Wednesday	05/17/23	Lock Impressioning	8 am - 5 pm Lunch	\$75	BANQUET 'A'
Wednesday	05/17/23	ILCO Key Machines & Advanced Diagnostics	1 pm - 3 pm	N/C	BANQUET 'C'
Thursday	05/18/23	Master Keying - <i>Intermediate</i> (2/3)	8 am - 5 pm Lunch	\$75	MEETING 'B'
Thursday	05/18/23	Alarm Lock Trilogy Locks - T2 to Air Access	8 am - 4 pm Lunch	\$35	BANQUET 'C'
Thursday	05/18/23	dormakaba Access Solutions - 5 Station Jamboree	8 am - 3 pm Lunch	\$35	BANQUET 'A'/'B'
Thursday	05/18/23	Fire Door Inspection - Morning Session Fire, Life Safety and Accessibility Codes - Afternoon	8 am - 4 pm Lunch	\$50	MEETING 'A'
Thurs/Fri	05/18 & 19	Fundamental Locksmith Skills (TWO DAY COURSE)	8 am - 4 pm Lunch	\$400	Classroom 'A'
Friday	05/19/23	Master Keying - <i>Advanced</i> (3/3)	8 am - 5 pm Lunch	\$75	MEETING 'B'
Friday	05/19/23	Lock Picking	8 am - 5 pm Lunch	\$75	MEETING "A"
Friday	05/19/23	NWLA Locksmith Certification	8 am - 5 pm Lunch	\$75	BANQUET 'C'
Friday	05/19/23	Norton Automatic Door Operators	8 am - Noon Lunch	\$35	BANQUET 'B'
Friday	05/19/23	Detex Door Alarms and Operators Training	1 pm - 4 pm	N/C	BANQUET 'A'

All training sessions are held at the

Tukwila Community Center 12424 42nd Ave S Tukwila, WA 98168

All full day classes include lunch. Students attending both am and pm classes on the same day are also provided a lunch. Coffee, water and light snacks provided at morning and afternoon breaks.

The pandemic has sparked many changes in the hospitality industry. Many of these changes are not positive in nature. Employee shortages, restricted room services, reduced customer service, shrinking on site dining availability and other service adjustments continue even to this very day. The widening changes make it difficult for KDL to promote a particular property or hotel. We suggest that our show and class visitors who desire overnight accommodations should refer to their own favorite travel services, online or in person, to find a suitable hotel in the Seattle/Sea-Tac/South Center or Tukwila vicinity.



The training described below is created and provided by our Northwest Allegion Security Safety Consultants of the Allegion Regional Sales Office NW in Bothell Washington.

WEDNESDAY MAY 17, 2023

**DOOR CONTROL - A CLOSE-UP LOOK AT DOOR CLOSERS \$50 FREE PARKING
And MECHANICAL AND ELECTRIFIED EXIT DEVICES**

8AM - 4PM MEETING ROOM 'A' Includes deluxe lunch, light snacks & bottled water

JEFF CARLILE, CONSULTANT, with WILLIAM STAGGS, WHOLESALE INTEGRATION

A door not in control contributes to concerns regarding fire life safety, security, heating & air conditioning costs. Smooth door operation is key in these areas of concern. The more that you know about door closers, the more you will appreciate their role in facility safety and security. Topics during this class include:

- Why door control is as important as a lock and key
- How a closer works
- Fine tuning the speed and power settings on LCN closers
- Selecting the appropriate closer for the application
- Other door control products that work alongside the closer.

Upon completion of this morning session, one will be able to:

- Identify field adjustments on door closers
- Troubleshoot door control issues
- Cite at least three tips on the templating and door closer installation
- Suggest common applications for other door control products such as electronic closers/holders, overhead holders, magnetic holders and door coordinators.

Mechanical and Electrified Exit Devices Series 98/99 VonDuprin Exit Hardware Workshop

Most facilities use some sort of electrified exit hardware for access control or accessibility. Therefore, understanding exit device technology and terminology is essential to life safety. Class topics include:

- Essential components of an exit device
- Exit device terminology and VonDuprin nomenclature
- Popular electrified devices
- Outside trim options
- Conversions and field adjustments
- Servicing tips

Upon completion of this afternoon session, will be able to:

- Identify and define the difference between panic hardware and fire exit hardware
- Differentiate the four types of exit hardware
- Perform common field conversions, adjustments and settings
- Recommend appropriate exit hardware and trim options as defined by the application at hand
- Troubleshoot EL and QEL (electric latch retraction) devices

WEDNESDAY MAY 17, 2023

**ILCO KEY MACHINES
& ADVANCED DIAGNOSTICS DEVICES**

NO CHARGE TRAINING

FREE PARKING

Includes deluxe lunch, light snacks & bottled water

1PM - 3PM BANQUET ROOM 'C' - Arrive at noon to join us for lunch in the TCC Social Hall

GREG SMALLWOOD AND STEVE HERMAN, RENZ & ASPAAS AGENCY

- RW5, Smart Aerial Plus, Smart Pro - review/updates
- Futura Series Key Cutting machines - several machines will be on hand for demonstration
- Transponder Remotes, Latest Key review
- MYKeysPro Demonstration, Navigation, New Loyalty Program
- ILCO Look A-like website demonstration

ALERT !!
All in attendance will leave with
one FREE printed copy of Ilco Key
Encyclopedia Edition 13 -
A \$25 value!
Register for this class now!



The training described below is created and provided by our Northwest Allegion Security Safety Consultants of the Allegion Regional Sales Office NW in Bothell Washington.

THURSDAY MAY 18, 2023

FIRE DOOR INSPECTION and FIRE, LIFE SAFETY, AND ACCESSIBILITY CODES

\$50 FREE PARKING

8AM - 4PM MEETING ROOM 'A' Includes deluxe lunch, light snacks & bottled water

JEFF CARLILE, CONSULTANT, with WILLIAM STAGGS, WHOLESALE INTEGRATION

This course will provide an introduction of the basic fire door inspection requirements within NFPA 80. Focusing on fire doors and their corresponding fire door hardware, this class will assist participants with understanding the fire door inspection checklist. **Topics include:**

- Describe the requirements to inspect fire doors as defined by NFPA 80.
- Identify what a Fire Door Assembly is, its purpose, the components of a Fire Door Assembly, and the purpose those components serve.
- Explain the importance of maintaining and inspecting fire doors.
- Using content from NFPA 80, cite the required items the standard says should be verified on swinging fire doors with builder's hardware.
- List some possible ways in which to correct common code violations.

Fire, Life Safety, and Accessibility Codes for Swinging Doors

Become familiar with and learn to understand the codes that govern swinging doors and their corresponding door hardware. Upon completion of this training you will be able to:

- Explain the difference between Standards, codes and laws.
- Identify the conditions that must be present to use an electric lock on an egress door assembly.
- List common hardware that solves accessibility challenges.
- Relate the rules for stairwell re-entry.
- Define the basic provisions of international building code (IBC) as it relates to locking hardware, exit hardware and door closers.
- Recognize the common aspects of NFPA80 as they relate to sections in the Allegion Fire, Life Safety, and Accessibility Codes reference book.

THURSDAY MAY 18, 2023

This ingenious five station workshop, designed and presented

dormakaba by DormaKaba USA NW District Distribution Development **dormakaba** Team, is very popular and will fill quickly. Register early.

dormakaba ACCESS SOLUTIONS FIVE STATION TRAINING JAMBOREE

\$35 FREE PARKING

STEVE SHAIN, Distribution Development Manager

8AM - 3PM BANQUET ROOMS 'A' & 'B' Includes Deluxe lunch, light snacks & bottled water

This course is formatted in novel fashion with five different hands-on training stations and is intended to provide insight/knowledge on installing and maintaining Best Cylindrical locks / Mortise locks; Precision Exit devices; Stanley Commercial Hardware closers; Best Interchangeable core and our Electronic offering.

- **Station ONE - BEST core combining**
- **Station TWO - Cylindrical & mortise locks**
- **Station THREE - Exit devices & door closers**
- **Station FOUR - Access control**
- **Station FIVE - Lockdown solutions**
- **PRIZES !!**

WEDNESDAY MAY 17, 2023

MASTER KEYING - BASIC

\$75

FREE PARKING

DAY 1 OF POSSIBLE 3 DEPENDING ON ONE'S SKILL LEVEL

8AM - 5PM MEETING ROOM 'B' Includes deluxe lunch, light snacks & bottled water

Ralph Forrest-Ball, ALOA ACE Instructor, CAL, CML

PLEASE NOTE: STUDENTS SHOULD BRING TWEEZERS and A MAGNIFYING VISOR

This is a hands-on class for students who have not taken the Locksmith Fundamentals training or have little or zero experience with master key systems. It is geared for beginners. We start with a review of how the cylinders for single keys are pinned, cover the mechanics of cutting keys by code and pinning a cylinder to work with two different keys. Students will also learn:

- The pros & cons of master keying
- Detect common errors
- How to read master key systems created by other locksmiths
- How to keep good reliable systems records

THURSDAY MAY 18, 2023

MASTER KEYING - INTERMEDIATE

\$75

FREE PARKING

DAY 2 OF POSSIBLE 3 DEPENDING ON SKILL LEVEL

8AM - 5PM MEETING ROOM 'B' Includes deluxe lunch, light snacks & bottled water

RALPH FORREST-BALL, ALOA ACE Instructor, CAL, CML

PLEASE NOTE: STUDENTS SHOULD BRING TWEEZERS and A MAGNIFYING VISOR

This class is designed for students who have some hands-on experience master keying locks and have passed either Basic Master Keying or Fundamentals of Locksmith skills. It assumes that you now know how master keying works but you want to learn how to design your own master key systems while avoiding the common mistakes and remaining out of trouble. **Topics include:**

- Methods of Master Keying
- Using incidental master keys
- Progressing a KBA
- Avoiding key interchange
- Designing a system
- How to keep proper records of master key systems
- Key symbols
- ***This class is activity-based and is presented with an emphasis on industry standards.***

FRIDAY MAY 19, 2023

MASTER KEYING - ADVANCED SKILL LEVEL

\$75

FREE PARKING

8AM - 5PM MEETING ROOM 'B' Includes deluxe lunch, light snacks & bottled water

RALPH FORREST-BALL, ALOA ACE INSTRUCTOR, CAL, CML

PLEASE NOTE: STUDENTS SHOULD BRING TWEEZERS and A MAGNIFYING VISOR

This class is for students who have completed the Intermediate Master Keying training and know how to create a master key system but want to learn more methods and advanced techniques. We begin with a review of master keying methods and the mechanics of master keying, then move on to:

- Advanced key symbols
- Positional master keying
- Cross keying
- Decoding an existing system
- Selective master key systems
- Expanding exhausted systems
- Special problems that arise from specific, high locks such as Medeco and other factories

IMPRESSIONING**\$75****FREE PARKING****8AM - 4PM BANQUET ROOM 'C'**

Includes deluxe box lunch, light snacks & bottled water

CHARITY CRAFT, KDL CSR, LOCKSMITH

Impressioning is a useful, convenient and cost effective skill for any locksmith to learn. Unlike picking, to impression is more than just opening the lock, it makes a key for the lock. It allows you to make a key to a car door lock without removing and disassembling the lock. Impressioning can often be done in a fraction of the time that it takes to accomplish the same goal as conventional key making. For this reason, impressioning is an invaluable key making procedure and a very useful locksmith skill. This hands-on class will cover filing a key by hand to wafer tumbler and pin tumbler locks. Approaching the subject in this way, we can cover the necessary material to give the locksmith a complete understanding of the fundamental skills involved in the art of impressioning. The purpose is to introduce those individuals that take this class to the basic concepts involved in this type of key making. Topics covered will be proper blank identification, blank preparation, mark recognition and proper impressioning procedures. Combined, these concepts form the basis for the theory behind the process that is impressioning.

Swiss files, magnifying visors and standard impressioning tool/vise grips will be available for use during class. Students are free to bring their own tools.

ATTENTION - Due to the content of the instruction provided in this class, students must present proof that they are employed by a retail locksmith or the lock shop of a commercial/industrial facility.

THURSDAY MAY 18, 2023

ALARM LOCK TRILOGY LOCKS - T2 THROUGH AIR ACCESS**\$35****FREE PARKING****8AM - 4PM BANQUET ROOM 'C'**

Includes deluxe box lunch, light snacks & bottled water

INSTRUCTOR: ANDY PHELPS, ALARM LOCK NATIONAL EDUCATION MANAGER

This class is designed for the beginner and seasoned tech. It will cover the T2 line with basic, programming, Networkx lock series and the 3 ways to program. We will include 'Air Access' recurring revenue series.

T2 - the #1 Stand alone lock on the market

- Programming basics
- Adding/deleting users
- Passage mode

Trilogy **Networkx** Locks eliminate door-to-door programming and audit trail retrieval by communicating wirelessly via Ethernet while providing all original Trilogy standalone lock's functionality. Networkx locks provide a quick, easy, economical access system with advanced features & functions, like automatic schedules, event logs and support for 2000 doors and 5000 existing Prox. ID Cards/Badges, but with no wires to run, and no access panels or power supplies to buy or install. For existing Trilogy installations, original standalone and new Trilogy Networkx locks can seamlessly share one common database hosted on **free** Alarm Lock DL-WINDOWS software. Basic DL Windows programming software will be covered including how to create the account, adding lock profiles and basic lock users, scheduling and using Gateways.

The final portion of this training will cover the cloud hosted, real time reporting and 'RMR' recurring monthly revenue generating series of Trilogy locks, **Air Access**. The student will be instructed on what benefits the Air Access system can offer both the dealer and their customer. The cellular network cloud-based system has partitioning of the accounts locks, customizable roles with differing levels of privileges for the customer that will allow them to utilize the flexible functionality they desire in their security locking system.

THURSDAY MAY 18, 2023 AND FRIDAY MAY 19, 2023

FUNDAMENTAL LOCKSMITH SKILLS

\$400

FREE PARKING

THIS IS A COMPREHENSIVE *TWO DAY* COURSE

8AM - 4PM CLASSROOM 'A' Includes deluxe lunch daily, light snacks & bottled water

Instructor: GABE DE GAALON, CPL, OWNER GABES LOCK & KEY, CERTIFIED INSTRUCTOR

Your certified instructor, Gabe De Gaalon, presents a comprehensive introduction to the basics of locksmith skills, the use of locksmith tools & industry terminology.

Students will develop the ability to:

- Identify key blanks
- Work with key machines
- Disassemble, service and rekey common cylinders
- Lock bypass - picking, impressioning, shimmying
- Lockset types - mortise, cylindrical, tubular
- Lock/Lever set functions and finishes
- Keyed deadbolt locks
- Keyless entry and deadbolt locks
- Door hardware installation basics
- Lock servicing and troubleshooting
- Introduction to master keying
- Basic door hardware
- Door hardware installation basics
- Customer service

FRIDAY MAY 19, 2023

LOCK PICKING

\$75

FREE PARKING

8AM - 5PM MEETING ROOM 'A' Includes deluxe hot lunch, light snacks & bottled water

WITH BJORN MADSEN, OWNER MAPLE LEAF LOCKSMITH

For an experienced technician, picking is the fastest and least destructive method of opening a lock. The objective of this class is to teach students to pick almost any pin or wafer lock. Students will perform hands-on exercises to improve their proficiency in manipulating the components of a variety of locking mechanisms to unlock them without damaging the lock. Feel picking, pick gunning and bumping will be examined. Upon completion of the class, enrollees of this course will be able to recognize the type of locks that can be picked & select the best method/technique to apply per lock opening.

Students: Bring hook, rake, ball picks and tension wrenches in varying sizes.

Pick sets will be available for sale in the classroom .

ATTENTION - Due to the content of the instruction provided in this class, students must present proof that they are employed by a retail locksmith or the lock shop of a commercial/industrial facility.

FRIDAY MAY 19, 2023

NWLA LOCKSMITH CERTIFICATION

\$75

FREE PARKING

8AM - 4/5PM BANQUET ROOM 'C' Includes deluxe hot lunch, light snacks & bottled water

Instructor: TERRY FOGERSON, NWLA BOARD MEMBER PRESIDENT

AM: Frank will work with the students to prepare for afternoon testing

PM: Testing. End time of this session depends upon how quickly the testing progresses

The Northwest Locksmith's Association certification session is a test of basic locksmith skills: master keying, life safety, and general locksmith knowledge. The test is administered in two parts - one is hands-on and one part is given in written form. In the hands-on portion of the testing you will need to successfully disassemble and reassemble locks. For the written segment you need to know terminology and basic calculating factors of general locksmithing. Upon passing the test you are issued a NWLA certificate. A certification plaque is awarded once you become a member of the Northwest Locksmith's Association.

NORTON AUTOMATIC DOOR OPERATORS**\$35 FREE PARKING****8AM - NOON BANQUET ROOM 'B'** Includes deluxe lunch, light snacks & bottled water**BRIAN STANDLEY, NWSSC VERTICAL MARKET TEAM LEAD/PRODUCT TRAINER****TOM COLLEY, NWSSC WHOLESALE CONSULTANT/PRODUCT TRAINER**

Get solutions to commercial door control problems, from ADA compliance to heavy duty usage, that once didn't have an answer. Low energy door operators allow for automatic and manual door opening and door closing, electromechanical operators are used where automatic activation is needed, and electrohydraulic operators incorporate a door closer with optional automatic operation. In this session you will learn about Norton's low energy door operator offering, applications and their basic programming principles.

FRIDAY MAY 19, 2023

**DETEX EXIT DEVICES & ALARMS
AND AUTOMATED DOOR OPERATORS****NO CHARGE TRAINING****FREE PARKING****1PM - 4PM BANQUET ROOM 'A'****W/ JOY SKOWRON, A NORTHWEST FAVORITE PRODUCT TRAINER**

Durable, easy to install & easy on the eyes, Detex offers a wide range of life safety and security hardware products that keep people & property safe. Detex exit devices and door alarms are innovative & technologically advanced.

- Requirements, troubleshooting, programming and installing exit devices
- Is other equipment needed such as electrified panic hardware, wireless push-buttons, etc
- Advantex, Value Series, EAX products applications

The AO19 series Automatic Operator for single doors is an easy to install, heavy-duty product for high-use, high-abuse low energy applications. AO19 operator meets ANSI/BHMA A156.19 (American National Standard for Power and Low Energy Power Operated Doors).

- When and where to specify an automatic door operator
- How to install and make final adjustments
- Simple integration to existing systems
- Easy to learn
- Easy to install

Mark your calendar:

SATURDAY MAY 20, 2023**KDL SPRING TRADE SHOW****NO CHARGE TO ATTEND WHEN PREREGISTERED****SEATAC CONFERENCE CENTER****within SeaTac International Airport Main Terminal****FREE PARKING****FIFTY FACTORIES REPRESENTED,****FABULOUS GOURMET LUNCH, SPECIAL DEALER SAVINGS****OPPORTUNITIES, GAMES, DRAWINGS, GREAT PRIZES****CALL YOUR FAVORITE KDL CSR TO REGISTER TODAY****800-926-7716****OR VISIT kdllink.com****<http://catalog.kdllink.com/WBITMSRCH.pgm>**

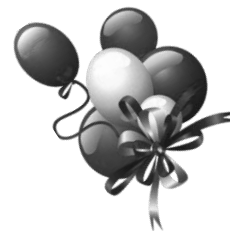
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Not responsible for typographical errors.



**We hope you plan to be with us on
Saturday May 20, 2023
For the KDL Hardware Supply
Annual Spring Trade Show**



- **Absolutely No Charge to Attend when pre-registered**
 - **Enjoy a delicious lunch buffet**
 - **Spin the KDL Wheel of Prizes**
- **Complete your Trade Show Passport for great gifts**
- **Factory representatives will present new products & programs**
 - **Visit with your favorite KDL CSR's**
 - **Enjoy fun games and contests**