



**IML SECURITY TRAINING**

# UTAH

**JULY 17TH AND 18TH**



**28 INDUSTRY TRAINING COURSES  
TO INCREASE YOUR SKILLS.**

Pre-register today at [www.imlss.com](http://www.imlss.com)

Courses Hosted At

**The Sheraton Salt Lake City Hotel**

150 W 500 S

Salt Lake City, Utah, 84101

Phone (801) 401-2000

## 28 INDUSTRY COURSES

**AAADM And ANSI: Their Importance For Automatic  
Door Installations**

Access Control Power And Distribution Design

**Advanced Breaking And Entering**

Advanced Electronic System Wiring

**Alarm Lock Trilogy Lock Installation And Repair**

ASSA Inc Certification

**Best Interchangeable Core Combining**

Bluetooth Locking Devices: Improve Security And

Audit History

**CDVI: Atrium Access Control**

Codes 101: ADA / NFPA

**Continuous Hinge Installation**

Cylindrical And Mortise Locks: Things You Must Know To

Install And Service

**Electromechanical Hardware – Retrofit Installation**

Electronic Circuits, Diagrams And Power Supplies

**Fire Door Inspection: 13 Things You Must Know**

Key Impressioning

**LISHI Automotive Lock Picking**

Lock Picking Tips And Tricks

**Low Energy Operators, Exit Devices And Exit Alarms**

Low Voltage Electricity For Installers

**Master Keying Solutions**

Opening Doors To Profits: Entrematic Product Overview

And Installation Training

**Principles Of Safe Manipulation**

Servicing Von Duprin Exit And LCN Closers

**Simplified Plug And Play Access Control**

Storefront Door Servicing And Repair

**T3 Manual Programming And DL Windows**

Software Training

Transponder Keys, Machines And Programming



TRAINING HOSTED AT THE SHERATON SALT LAKE CITY | 150 W 500 S | SALT LAKE CITY, UTAH, 84101



# PRE-REGISTERING IS EASY!

Pre-register online at [imlss.com](http://imlss.com) or let us pre-register you

Pre-registration closes July 9, 2019

Complete the below information and email to [marketing@imlss.com](mailto:marketing@imlss.com), give to an IML Representative or fax to (801) 485-7205

### Guest 1 Information

First Name: \_\_\_\_\_  
 Last Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Account #: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

### Payment Method:

Account: \_\_\_\_\_  
 PO: \_\_\_\_\_  
 Check: \_\_\_\_\_

### Guest 2 Information

First Name: \_\_\_\_\_  
 Last Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Account #: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

Credit Card: \_\_\_\_\_  
 Exp. Date: \_\_\_\_\_  
 CVC: \_\_\_\_\_

#### Wednesday, July 17th / 8 am - 5 pm (8 Hours)

GUEST 1  GUEST 2  Principles Of Safe Manipulation: \$125

#### Wednesday, July 17th / 8 am - 10 am (2 Hours): FREE

GUEST 1  GUEST 2  CDVI: Atrium Access Control  
  Opening Doors To Profits: Entrematic Product Overview/Installation Training

#### Wednesday, July 17th / 8 am - 12 pm (4 Hours): \$40

GUEST 1  GUEST 2  Advanced Breaking And Entering  
  Cylindrical And Mortise Locks: Things You Must Know To Install And Service  
  LISHI Automotive Lock Picking  
  Low Voltage Electricity For Installers  
  Servicing Von Duprin Exit And LCN Closers

#### Wednesday, July 17th / 10 am - 12 pm (2 Hours) FREE

GUEST 1  GUEST 2  Bluetooth Locking Devices: Improve Security And Audit History  
  Continuous Hinge Installation

#### Wednesday, July 17th / 1 pm - 5 pm (4 Hours): \$40

GUEST 1  GUEST 2  Advanced Electronic System Wiring  
  Codes 101: ADA / NFPA  
  Fire Door Inspection: 13 Things You Must Know  
  Key Impressioning  
  Low Energy Operators, Exit Devices And Exit Alarms  
  Simplified Plug And Play Access Control

#### Thursday, July 18th / 8 am - 5 pm (8 Hours): \$80

GUEST 1  GUEST 2  Master Keying Solutions

#### Thursday, July 18th / 8 am - 12 pm (4 Hours): \$40

GUEST 1  GUEST 2  Alarm Lock Trilogy Lock Installation And Repair  
  Best Interchangeable Core Combining  
  Electromechanical Hardware – Retrofit Installation  
  Electronic Circuits, Diagrams And Power Supplies  
  Lock Picking Tips And Tricks

#### Thursday, July 18th / 1 pm - 3 pm (2 Hours): FREE

GUEST 1  GUEST 2  AAADM And ANSI: Their Importance For Automatic Door Installations

#### Thursday, July 18th / 1 pm - 5 pm (4 Hours): \$40

GUEST 1  GUEST 2  Access Control Power And Distribution Design  
  ASSA Inc Certification  
  Storefront Door Servicing And Repair  
  T3 Manual Programming And DL Windows Software Training  
  Transponder Keys, Machines And Programming

Courses Hosted At:  
**Sheraton Salt Lake City**  
 (150 W 500 S, Salt Lake City, Utah)

# Wednesday, July 17, 2019

## Morning Courses and Descriptions

### Principles Of Safe Manipulation

Seth Blumberg, Safe Instructor

8:00 AM to 5:00 PM: **\$125**



Manipulation is the art of opening combination locks, without prior knowledge or information as to the present combination. It does not cause any damage and leaves no evidence of entry.

Each student will learn 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.

### CDVI: Atrium Access Control

Jorge Carvajal of CDVI

8:00 AM to 10:00 AM - **FREE**



ATRIUM allows you to manage up to 500 doors (proximity card readers, keypads, or Schlage® door handles), using ATRIUM's embedded web server or ATRIUM's FREE software.

This course will provide a product overview, along with demonstrations on software, programming, and applications. Attendees are encouraged to bring a laptop, smart phone, or tablet to participate in this hands on training!

### Opening Doors to Profits: Entrematic Product Overview/Installation Training

Rusty Rulapaugh of Entrematic

8:00 AM to 10:00 AM: **FREE**



With the growing need for ADA access in today's society, the Entrematic brand of low-energy operators offers an easy-to-install product that integrates with all building access entry requirements and is ANSI 156.19 compliant out of the box. The class will focus on: identifying sales targets, discussing features and benefits of both the HA8-LP and HA8-SP operators, and highlighting the ease of installation. Attendees will receive all the training necessary to sell the Entrematic product to increase profits in their business.

### Bluetooth Locking Devices: Improve Security And Audit History

Justin Kronmiller of Master Lock

10:00 AM to 12:00 PM: **FREE**



Master Lock Vault Enterprise software provides a convenient way to control access, manage assets and improve accountability. This proven security innovation eliminates the cost, security risk and complexity of physical key management.

This session will familiarize you with Master Lock Bluetooth devices and the Vault Enterprise platform that manages them. We will also give you a glimpse into the future roadmap for Bluetooth products, and collect your feedback to help influence what gets placed onto the development plan. You will have a chance to have hands-on experience with connected product, and the software/apps that drive them.

### Continuous Hinge Installation Class

Steve Pyatte of Select Hinges

10:00 AM to 12:00 PM - **FREE**



This course will cover everything you need to know to get started using continuous hinges. Students will cover what a continuous hinge is, the benefits of a continuous hinge and how a continuous hinge works. Hands-on instruction will feature a demonstration showing students how to install a continuous hinge on a full door.

### Advanced Breaking And Entering

Dave Thielen of IML Security Supply

8:00 AM to 12:00 PM: **\$40**



This course is perfect for people who want to learn the tips, tricks and techniques of the trade. Demonstrations of bypass techniques covering some of the most popular residential and commercial lock sets will be performed.

- Interchangeable Cores
- Panic Devices
- High Security
- Mortise Locks
- Storefront Locks

You will also review templating for drilling rim, mortise cylinders, high security and office equipment.

### Cylindrical And Mortise Locks: Things You Must Know To Install And Service

Bob Karrer of Dormakaba

8:00 AM to 12:00 PM: **\$40**



This course is intended to familiarize the attendee with installing and maintaining Cylindrical Locks & Mortise Locks. The training session will include review of Grade 1 requirements relating to manufacturing and use, proper selection of hardware, hands-on experiences for applications and options for adding features in the field. Subjects to be covered include:

- Overview of Cylindrical & Mortise Product Types & Options
- Lockset Functions & Applications
- Mortise Locks Installation/Assembly
- Cylindrical Locks Installation/Assembly
- Troubleshooting Cylindrical & Mortise Locks

### LISHI Automotive Lock Picking

Donnie Sherfield, Mike Kenessey of Original Lishi

8:00 AM to 12:00 PM: **\$40**



Lishi tools come in standard blind touch picks, decoders and the unique 2-in-1 pick and decoder. This 4-hour hands-on training course will provide in-depth overview for the 3 types of Lishi Tools. Students will have hands-on exercises that will allow them to pick, decode and use the 2-in-1 pick/decoder. Students will learn to use the tools correctly and efficiently to pick open locks and accurately decode the lock in preparation for cutting a key.

### Low Voltage Electricity For Installers

Rodger Schmidt of ASSA ABLOY

8:00 AM to 12:00 PM: **\$40**



This is a basic low voltage electricity introduction for strikes, mag locks and electrified hardware. Voltage, current, resistance, multimeter use and basic circuits are covered. System design and power supply selection will also be discussed. Wiring diagrams are presented and discussed for strikes, mag locks and electrified hardware. Students will learn how to read and understand electrical installation wiring diagrams. Students will hand wire a complete access control system, with power supply, switches, timer and strikes, making it completely functional.

### Servicing Von Duprin Exit And LCN Closers

Chet Miles of Allegion

8:00 AM to 12:00 PM: **\$40**

Life safety and exit hardware go hand in hand. Today, most facilities use some form of electrified exit hardware for access control, security, and accessibility. During this course, you will learn about:

- Exit Device Terminology and Von Duprin Nomenclature
  - Panic and Fire Exits / New Concealed Vertical Cable System / New Quiet EL Device
- Essential Components of an Exit Device
- Outside Trim Options
- Popular Electrified Exit Devices
- Mechanical Door Closers / Maintenance and Adjustments
- Conversions and Field Adjustments
- Servicing Tips and Tricks

**There Will Be Light Refreshments Served During Each Course**

# Wednesday, July 17, 2019

## Afternoon Courses and Descriptions

### Advanced Electronic System Wiring

Rodger Schmidt of ASSA ABLOY

1:00 PM to 5:00 PM: **\$40**



This course is designed for participants with previous basic electronic knowledge and use of a multimeter. Covered in this course are advanced access control and system wiring techniques, installation and product troubleshooting. The class includes instructional and hands-on exercises covering the following subjects:

- Fire alarm interface
- Fail safe lock system wiring
- Fail secure lock system wiring
- Basic system trouble shooting - using multi-meter
- Wiring trouble shooting - what you should test
- DK-26 and power supply trouble shooting
- Magnetic lock and electric strike troubleshooting
- Touch sense bar troubleshooting
- Digital keypad troubleshooting
- Basic access control systems troubleshooting

### Codes 101: ADA / NFPA

Chef Miles of Allegion

1:00 PM to 5:00 PM: **\$40**

Installing the correct hardware is important for the safety of individuals in every building. The ability to safely enter and exit a building with ease is critical to everyone. During this 4 hour course you will cover the latest technologies and challenges, providing you with the tools you need to confidently apply or enforce requirements. Additional topics covered will be:

- IBC 2009 / IBC 2012 Building Codes
- NFPA 101 Life Safety Code
- NFPA 80 Fire Door Requirements
- ADA Americans with Disabilities Act

### Fire Door Inspection: 13 Things You Must Know

Bob Karrer of Dormakaba

1:00 PM to 5:00 PM: **\$40**

In this course, you come to understand the Annual Fire Door Inspection requirements as stated in NFPA 80 & 101 (Fire & Life Safety) code requirements for Door Hardware on "Fire Doors" and "Doors in a Path of Egress." Students will learn to identify issues, codes and standards that affect door hardware and recognize what opening components and/or corrections are required to have these doors comply with codes.

We will cover Fire & Life Safety codes as they relate to the use and operation of these opening within facilities. This program will help both the novice and veteran to identify, select and correct (with code-approved products) the most recurring violations in the field.

### Key Impressioning

Dave Thielen of IML Security Supply

1:00 PM to 5:00 PM: **\$40**



The Impression System allows any technician with a working knowledge of locks to make a key for a pin tumbler or disc tumbler lock without taking the lock apart or removing it from the container. Students will learn how to identify marks and hand file a working key. Two different techniques will be demonstrated, and the students are welcome to try both. Pin tumbler and disc tumbler locks will be available to impression as well as various tools to try.

### Low Energy Automatic Operators/Exit Alarms

Scott Peck of Detex

1:00 PM to 5:00 PM: **\$40**

Detex offers a wide range of security door hardware products that are durable, easy to install and innovative. During this course, you will learn requirements, troubleshooting, programming and installing an operator.

This session will also cover what other equipment may be required such as electrified panic hardware, wireless push buttons, etc. This course will focus on Exit Alarms, showing you how to provide a secure locking system, quickly adding alarms on secured doors and will provide hands-on installation.

### Simplified Plug And Play Access Control

Josh Bilanzich of Prodatakey

1:00 PM to 5:00 PM: **\$40**



Change the landscape of your business by becoming certified on the easiest Access Control system on the market. Prodatakey's Wimax™ wireless platform provides a true plug-and-play experience. With a one mile line of sight and 450' average indoor communication range, every controller communicates on a mesh network WITHOUT configuration or programming.

There are no IP addresses to configure or ports to open. Eliminate the hassle of traditional access control and discover Prodatakey's competitive advantage of Winning More Jobs and Making More Money by eliminating costly wire runs and labor—all while taking advantage of our lifetime warranty!

# 28 INDUSTRY COURSES

## GET THE EXPERIENCE YOU NEED

### Hosted At

The Sheraton Salt Lake City Hotel



**Course Sizes Are Limited - Sign Up Today And Avoid The Lines**

# Thursday, July 18, 2019

## Morning Courses and Descriptions

### Master Keying Solutions

Guy Robinson of ASSA ABLOY

8:00 AM to 5:00 PM: **\$80**



This course will provide the necessary training to all those who want to provide quality Master Keying service to their customers. The students will be instructed on determining what a good master key is, how to progress a master key in numerous ways, to create change keys and how to properly determine and use the various sub-master keys. In addition, all students will get firsthand knowledge on writing full systems by hand and with software.

Upon completion of the class, the students should have the required information and understanding to accomplish almost any Master Keying assignment.

### Alarm Lock: Trilogy Lock Installation And Repair

Andy Phelps of Alarm Lock

8:00 AM to 12:00 PM: **\$40**



This class is designed for the beginner or experienced technician and covers the proper installation technique along with some tips for an easier installation. We will cover how to repair the Alarm Lock Trilogy mortise and cylindrical locks, discuss what parts are replaceable and how to correctly remove and replace those parts. The instructor will also share some tips on how to make the repair process easier.

### Best Interchangeable Core Combinating

Bob Karrer of Dormakaba

8:00 AM to 12:00 PM - **\$40**



This 4-hour course is targeted to individuals responsible for servicing and maintaining Interchangeable Core Master Key Systems. Subjects to be covered include:

- Overview of BEST Master Key System Hierarchy
- Developing a Master Key System
- Key Combinator & Cutting BEST Keys
- Combinating BEST Cores
- Record Keeping & Key Control
- Troubleshooting
- Preventative Maintenance

### Electromechanical Hardware – Retrofit Installation

Mark Ferraro of Command Access

8:00 AM to 12:00 PM: **\$40**



Learn how to install cylindrical and mortise electric locks, add REE/REX (request-to-enter and exit) switches and low power emitting devices for fail secure locks. Learn how to field-install exit device latch pullback kits for several manufacturers. Learn how to leverage existing hardware, giving you the edge on competition, and electrify openings with: electronic transfer hinges and loops, exit device e-trim, connect loads to power supplies, build circuits, use an electric meter and molex solutions.

Make your business more profitable and build more customers! Let us help you make your next electronic security solution quick, easy, economical and, most importantly, improve profits and end-user satisfaction!

### Electronic Circuits, Wiring Diagrams And System Design

Rodger Schmidt of ASSA ABLOY

8:00 AM to 12:00 PM: **\$40**



This course is designed for participants who have previous basic and advanced wiring electronic knowledge and use of a multi-meter. Topics to be covered in this course are: basic understanding of the power supply and setting up the electric circuit using a load calculator, creating an Operations Narrative in conjunction with a wiring diagram, setting up advanced wired systems and product troubleshooting.

This courses includes instructional and hands-on exercises covering the following subjects:

- Power Supply Circuits
- Load Calculator
- Operational Narrative
- Creating Wiring Diagram
- Review of Voltage, Amperage and Resistance with a multi-meter
- Series vs. Parallel Wiring
- DK-26 and AQD6 Power Supply
- Magnetic locks and electric strike setup and wiring
- Team layout and wire a operational Man-Trap
- Basic access control systems troubleshooting

### Lock Picking Tips And Tricks

Dave Thielen of IML Security Supply

8:00 AM to 12:00 PM: **\$40**



Lock picking is the art of unlocking a lock by analyzing and manipulating the components of the lock device and not damaging the lock. This course offers hands-on exercises with specially designed cylinders to gain practical experience and understanding. Lock bumping will also be demonstrated and performed by the students.

Upon completion, students will have a greater understanding of lock picking, for both pin and disk tumbler cylinders. Tools and cylinders will be provided for this course.

# CLICK OR CALL TODAY

[imlss.com](http://imlss.com)

Phone: (801) 486-0079



There Will Be Light Refreshments Served During Each Course

# Thursday, July 18, 2019

## Afternoon Courses and Descriptions

### AAADM And ANSI: Their Importance For Automatic Door Installations

Steve Christifulli of BEA  
1:00 PM to 3:00 PM - **FREE**



During this 2 hour course, you will review the role of the AAADM organization and how this association enables and provides certifications for installing automatic doors. We will provide an overview of sliding and swinging doors and the differences between the sensors and technology used on these applications.

The course will also help explain the ANSI standards that relate to automatic pedestrian doors as they relate to ANSI A156.10 (High Energy Applications) and A156.19 (Low Energy Applications). We will also discuss why safety is important for automatic doors and how it is accomplished.

### Access Control Power And Distribution Design

Rodger Schmidt of ASSA ABLOY  
1:00 PM to 5:00 PM: **\$40**



This 4 hour hands-on course is designed to help individuals understand the steps and processes to select the correct size of power supply(s) and distribution board(s) as they setup an access control system. We will review general power supplies and distribution boards commonly used in small to medium size access control systems up to 10 doors. Items to be focused on:

- Access System layouts
- Circuit design through site surveys
- Power supply types, changes and fire relays
- Distribution boards types, features and fire relays
- How to select the proper power supply exercises
- Extending the power supply to distribution boards
- Hands-on power supply, fire relays and distribution boards exercises

### ASSA Inc. Certification

Sam Wilson of ASSA Inc.  
1:00 PM to 5:00 PM: **\$40**

Factory certification training covering specifications on key depth, spacing and cutting. Specifications on lock cylinders and applications. Technical and servicing information on all ASSA Twin 6000, Twin Exclusive, Twin V-10, Twin Pro, Twin Maximum/CLIQ and Maximum+/CLIQ cylinders with hands on portion that will give participants a thorough understanding of operating principle for standard cylinder and interchangeable core.

On completion of the class there will be a proficiency exam and a factory issued certificate when student receives a passing grade.

### Storefront Door Servicing And Repair

Dave Thielen of IML Security Supply  
1:00 PM to 5:00 PM: **\$40**



The entrance to a business says a lot about what's inside. Servicing storefront doors is easy money and a little knowledge is all you need to get started. Topics covered during this course include:

- Offset versus center hung doors
- Servicing aluminum door exits
- Adjusting/replacing door closers and closer arms
- Raising a door
- Repairing a sagging door
- Hiding holes
- Blank out kits
- Replacing pivots and hinges

### T3 Manual Programming And DL Windows Software Training

Andy Phelps of Alarm Lock  
1:00 PM to 5:00 PM: **\$40**



This certification seminar will cover A-Z keypad programming on the Trilogy DL3000 & PDL3000 Prox Lock. Students will use mounted Alarm Lock Trilogy samples for all keypad and programming exercises. The following programming functions will be covered during this class :

- First Manager in Programming
- Manual Programming
- Programming via Software
- "Normal" Schedules
- "Holiday" Schedules
- Time Zones
- Special Programming Needs
- Audit Reports and Filtering
- Using the Infrared Printer
- Using the Data Transfer Module
- Cloning Locks
- System Design

### Transponder Keys, Key Machines And Programming

Tony Presidio of Ilco/Advanced Diagnostics  
1:00 PM to 5:00 PM: **\$40**



If you are new to the industry or simply looking for a cost-effective way to offer key programming products and services, this 4-hour, hands-on course is a must. Learn about the NEW Smart Pro vehicle key programmer as well as other cutting-edge solutions, including the MVP Pro, Bravo III, Futura and TKO machines.

Also covered will be transponder technology, troubleshooting, industry trends and other important information relating to the automotive industry. On completion, students will be able to program, troubleshoot and clone a variety of transponder keys.

**LIGHT REFRESHMENTS WILL BE SERVED DURING COURSES.**



**Course Sizes Are Limited - Sign Up Today And Avoid The Lines**



Courses Hosted at:

## The Sheraton Salt Lake City Hotel

150 W 500 S | Salt Lake City, UT 84101

Call (801) 401-2000 and tell them you will be attending the IML Security Training

### Pre-registration & Cancellation Instructions

#### How to Pre-Register

Signing up for the IML Security Training has never been so easy! Pre-register using one of three options:

1. Visit [www.imlss.com](http://www.imlss.com), click on the IML Training link and follow the step-by-step instructions.
2. Contact your local IML Branch at **(801) 486-0079** and a representative will pre-register you.
3. Complete the pre-registration form located in this flier and give to an IML Representative.

Online registration closes [July 9th](#) however, you can register on-site for any unfilled courses. Talk with a local IML Representative for full details on courses.

#### Cancellation Policy

If you are not able to attend a scheduled training course and would like a refund, please send a cancellation request at least 24 hours prior to your course(s) to [crystalh@imlss.com](mailto:crystalh@imlss.com). If we do not receive a cancellation notification, you will be charged for the course(s) you do not attend.



## Come Experience What Everyone In The Industry Is Talking About!

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## IML EXPO TEXAS

Pre-registration Opens June 2019



HOSTED AT

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ONLY \$199 PER NIGHT

COURSES: AUGUST 21ST AND 22ND  
SECURITY SHOW: AUGUST 23RD

Visit [imlss.com](http://imlss.com) for details.

## LAS VEGAS IN NOVEMBER?

DON'T MISS THE IML EXPO - NEVADA THIS NOVEMBER 5TH, 6TH AND 7TH

COURSES: NOVEMBER 5TH AND 6TH  
SECURITY SHOW: NOVEMBER 7TH

Pre-registration Opens September 2019

ONLY \$50 PER NIGHT



The ORLEANS