

**FRIDAY MAY 19, 2017**  
**TRAINING SESSIONS**  
**COURSE CONTENT, CLASSROOM AND FEES**  
 Register for training sessions online at [www.kdlhardware.com](http://www.kdlhardware.com)

**EEPROM FUNDAMENTALS 8AM - 5PM \$75**  
**TIPS/TRICKS/TRANSPONDER UPDATE**  
**TCC CLASSROOM "B"**

*Instructor: JIM HETCHLER, LASER KEY PRODUCTS*

This course is, in actuality, two courses for the price of one. Participants will be shown various tips and tricks that will most certainly be of interest to the automotive locksmith. Included in the first part of the course will be tips for generating lost keys, opening locked vehicles, picking automotive locks including high security and so much more. There are many videos and articles throughout the course and over 284 line items showing short cuts, issues solving many Ford programming problems, the solutions to programming when all else fails. Repair short cuts to make those Chrysler's start without having to synchronize the SKIM and PCM will be shown. There are an abundance of tips and insights along these lines.

The second portion of the class will explore the world of EEPROMs which are the program storage devices housed within modern automotive immobilizer modules. The data within the EEPROM can be used to generate lost key transponders. Transponders are currently used in automobiles, recreational vehicles, water craft and motorcycles. This course will also explain the various pieces of equipment necessary to generate transponders using EEPROM techniques.

Includes lunch, light snacks and bottled water.

**MASTER KEYING - ADVANCED 8AM - 5PM \$75**  
 DAY 3 OF POSSIBLE 3 DAYS DEPENDING ON ONE'S LEVEL OF PROFICIENCY  
**TCC MEETING ROOM "B"**

*Instructor: RALPH FORREST-BALL, ALOA ACE INSTRUCTOR, CAL, CML, OWNER EMERALD CITY LOCKSMITH EUGENE OR*

This class is for students who have completed Intermediate Master Keying and know how to create a master key system but want to learn more advanced techniques. We begin with a review of master keying methods and the mechanics of master keying, then move on to advanced key symbols, cross keying, selective master key systems, positional master keying, decoding an existing system, expanding exhausted systems, and special problems that arrive from specific hardware such as Medeco and other high security lock and locking hardware manufacturers.

Includes lunch, light snacks and bottled water.

**FACILITIES LOCKDOWN 8AM - NOON \$35**  
**TCC BANQUET ROOM "A"**

*Instructor: ALFREDO MONDRAGON, WESTERN REGIONAL SALES MANAGER, CODELOCKS USA*

Generate time defined access codes with NetCode enabled locks. With the web based NetCode Portal create and send access codes with valid specific date, time and duration. NetCode is particularly useful where access is required for routine servicing or maintenance purposes. Via the Portal, a manager can generate time sensitive codes for the engineer to gain access to remote locks, cabinets or enclosures. Whether controlling access to certain areas or safeguarding confidential or even dangerous materials. CodeLocks products offer a convenient standalone access control solution. This product is designed for a wide range of applications, ie; retrofit, new installations or upgrade applications.

**PREPARE FOR FIRE DOOR INSPECTION 8AM - NOON \$35**  
**TCC MEETING ROOM "A"**

*Instructor: SCOTT JONES, TECHNICAL PRODUCTS SPECIALIST, ALLEGION FACTORY TRAINED INST*

Heard about the fire door inspection requirement as prescribed by NFPA 80? Know what you need to do when the requirement is adopted by your local building code? If you would like a little help in getting ready, join us for this class. Focusing on swinging doors and their corresponding fire door hardware, this class will assist you as your facility plans for how it will comply with these important fire life safety requirements. Course Length: 1/2 day Topics Include:

- ◆ NFPA 80, (2007), 2010 & 2013 inspection requirements for swinging fire doors
- ◆ The job of a fire door assembly
- ◆ What items—at minimum—must be inspected and verified
- ◆ Common code violations

**STRATTEC 2017 AUTOMOTIVE UPDATE 8AM - NOON \$35**  
**TCC BANQUET ROOM "B"**

*Instructor: VERA LATUS, STRATTEC CUSTOMER SERVICE MGR*

- ◆ Class will bring attendees up to date on vehicle platforms that STRATTEC services including GM, Ford, and Chrysler
- ◆ Students will have the opportunity to pin high security locks from GM and/or Ford
- ◆ Technology changes regarding locks and keys will be covered including current trends and future applications
- ◆ One will be updated specifically on what STRATTEC services for the 2017 model year vehicles
- ◆ Foreign key blank technology, software, locksmith websites, tools and STRATTEC online resources will be examined

**ABLOY PROTEC2 SECURITY CYLINDERS 8AM - NOON \$35**  
**TCC BANQUET ROOM "C"**

*Instructor: MARTIN DAY, ABLOY TECHNICAL PRODUCT TRAINER*

Thirty year Abloy veteran, Martin Day, will present Abloy's newest patented rotating disc high security system - P R O T E C 2.

- ◆ Learn the function of the PROTEC2 cylinder in security
- ◆ How to read the rotating discs
- ◆ Students will disassemble an ABLOY mortise cylinder
- ◆ Students will reassemble an ABLOY mortise cylinder
- ◆ Martin will also expand on the magnificent master-keying capabilities of ABLOY PROTEC2 cylinders