

Certified Facility Locksmith®

This 5-day hands-on course provides you with a comprehensive knowledge of Locksmithing to handle large facilities with multiple buildings. This is done by providing a fundamental base that builds upon existing foundations to become a professional locksmith.

Bringing your Locksmithing services in-house will save you time, money and provide better security while ensuring compliance with new National Fire Door Assembly Inspections and Life Safety Inspections regarding egress doors.

The training in this course will provide your staff with the skills necessary to become a more efficient and competent technician who can service, install, troubleshoot and masterkey institutional, commercial and traditional key lock systems and door openings.

This program gives your facility the opportunity to have professionally trained Locksmiths on your property daily to resolve security issues and provides a first line defense that improves your facility management. This program is designed for the beginner as well as the experienced locksmith. We take you from the first steps in Locksmithing to advance by using a proven well-structured program that has been successful for over 16 years.



Hands-on evaluations, course instruction and study materials are designed to help attendees to get the most of this course. Students must pass the exam to complete the course and become a Certified Facility Locksmith®

The following subjects covered in detail:

- **Hands on Understanding of Mechanical Locks**
 - Warded Lock
 - Bit Tumbler Lock
 - Lever Tumbler Locks
 - Wafer (Disc) Tumbler Lock
 - Pin Tumbler Locks
 - Wheel Combination Locks
- **Key Blank Identification**
- **Key Generation**
 - Researching Lock Codes
 - Key Duplication
 - Code Cutting
- **Lock Identification, Installation and Service**
 - Rim Style Locks/Rim Cylinders
 - Mortise Locks/Mortise Cylinders
 - Cylindrical Lock – KIK/KIL Cylinders
- **ANSI and BHMA standards**
 - Lock Hardware Functions
 - Hardware Finishes
 - Hardware Grades
- **Exit Hardware**
 - Panic vs. Fire Exit Hardware
 - Rim, Mortise, SVR, CVR, CVC
 - Alarm Exit Hardware
 - Delayed Egress Hardware
- **Broken Key Extraction Techniques**
- **Masterkeying**
 - Master Key Levels
 - Building MK Systems
 - Decoding, Expanding Existing Systems
 - Identifying Unknown Sub-Master Levels
- **Pinning Pin Tumbler Locks**
 - Understanding TFC, BCC, & MACS
 - What is the Effective Diameter
 - Calculating Pin Segments
 - Using a Plug Follower
- **Picking Wafer and Pin Tumbler Locks**
- **Interchangeable Cores LFIC and SFIC**
 - Schlage, Sargent & Corbin LFIC
 - Pinning/Service BEST SFIC
- **Mortise Lockset Servicing**
 - Old Style vs. New Style
 - Change Handing/Bevel
 - Full Stile and Narrow Stile
- **Bypass and other Alternative Entry Methods**
 - Learn minimal destructive techniques
- **Overview of Sidebar Locks (Medeco, ASSA, Schlage Primus, and others)**
- **Impressioning Keys for Existing Locks**
- **Working with Padlocks**
 - Latch vs. Ball Bearing

- **Total Opening Repair**
 - Understanding Doors and Frames
 - Door Swing vs. Lock Handing
 - Hinge Shims and Swage
 - Square, Plumb and Alignment
 - How to order replacement doors
- **Auxiliary door hardware**
 - Door Coordinators
 - Flush Bolts and Fire Pins
 - Astragals, Mullions and Flat Goods
- **Fire Door Assembly Inspections (NFPA 80, 2016)**
- **Life Safety Code (NFPA 101, 2015) Egress Doors**
 - Exit Access, Exit, and Exit Discharge
- **Americans with Disabilities Act (ADA 2010)**
- **Door Closers Installation and Adjustments**
- **Exam** (must pass for certification)

Tuition: \$995 includes 5 days of hands-on training, course manuals and reference material software with pin segment calculator. Certification and ID are provided if the attendee successfully completes all hands-on task and passes the Certified Facility Locksmith exam.

How to enroll:

- Download the registration form at natlock.com
- Fill out the form and fax it to (602) 391-2120 or email enroll@natlock.com

A confirmation will be emailed or faxed to you within 24 hours. Purchase Orders are welcomed. For questions call us at 888-682-0522 or email help@natlock.com Hotel group rates are available on our website information can be found on our website.

National Locksmithing Institute

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