

Locksmithing I: Locks & Keys

This 5-day course provides students with minimal locksmithing experience a solid working knowledge of essential locksmithing skills. The course is almost entirely hands-on and fast paced.

Students will come away with an understanding of pin tumbler lock operation. They will be able to rekey locks, duplicate keys, and generate new keys to locks when the keys have been lost. Students will further be able to generate master key systems from scratch and pin locks to existing master key systems.

This course will also provide instruction in lockset and mortise lock installation and service. Basic lock bypass techniques like picking and impressioning will also be explored to give students further ability to service locks with lost keys as well as provide general security awareness.

Who Should Attend:

Those interested in learning the proper technique of installing frames, hanging doors and the hardware associated with the door. Professions such as locksmiths, facility managers, carpenters, and general and remodeling contractors.

Objectives:

- Understand basic lock terminology and history of pin tumbler locks
- Understand how to use a Key Blank Directory
- Practical exercises:
 - Lock Rekeying
 - Key Duplication
 - Cutting keys by code
 - Lock Installation
- Understand Master Keying
- Overview of high security locks
- Bypass techniques to include picking and impressioning

