

36th T.A.O.L. Convention

Program Outline

AUTOMOTIVE CLASSES

Friday Sept 18/09. Starts at 8:30 am to 4:00 pm
Advanced Transponder systems and Keyless Remotes
Instructor Ed Woods, CML, CPS

This class will cover the more advanced transponder systems and will include the latest troubleshooting methods and techniques on these more complex systems. The class will also cover the lucrative Keyless Remote market which is a natural fit with those who do automotive key making and servicing. There will be hands on programming of transponder equipped vehicles and Keyless Remote systems depending on vehicle availability.

Saturday Sept. 19/09. Starts at 8:30 am to 4:00 pm
Introduction to Automotive Lock Service
Instructor Ed Woods, CML, CPS

Students already familiar with basic lock service will be introduced to the tools, skills and information, critical for beginning professional automotive lock service. All fundamental topics will be covered. Learning the basic terminology and procedures of automotive cylinder and key service are the theme throughout the day.

Hands on clinics will include key blank identification, referencing and cutting keys by code, function and operation of common automotive cylinder types, basic lock manipulation disassembly and re-assembly, keying and rekeying, general cylinder repair service and fitting, first keys. Tools needed: selection of hand tools, such as screw drivers, an awl, files, lock picks, possibly a small clamp on vise, a small hammer and any additional tool you feel will be helpful for your bench work.

Instructor Bio:

Ed Woods, CML, CPS is an automotive locksmithing specialist with many years working in the automotive industry. Ed is a consultant to many manufacturers of automotive locksmithing related tools and equipment and is a Certified ACE Instructor, a long time member of ALOA and has taught automotive locksmithing classes at ALOA convention and at ACE class events. Ed is a two time recipient (2006 and 2008) of the ALOA Continuing Education (ACE) Instructor of the Year award which is presented annually by the ALOA Training Department.

CCTV Seminar

Friday Sept 25/09. Starts at 8:30 am to 4:00 pm
Instructor: Bruce Curran & Mark Cox

APA is pleased to present seminar on the specification sales and marketing of Closed Circuit Television.

Overview

We will be focusing on specifying CCTV systems using solutions based method to determine the customer's requirements.

You will learn:

- How to identify and meet customer needs
- Camera hook up and cable requirements
- Lighting and image capture challenges
- Effective Camera Placement
- Digital Video Recording
- Memory limitations
- Set up and remote access

Instructor Bio:

Instructors for this course will be Bruce Curran and Mark Cox from APA Toronto. Bruce brings many years of experience in the security industry

with a focus on Sales and Marketing. Mark is the technical support person for APA Toronto dealing with the day to day challenges of commissioning and maintaining CCTV systems.

BASIC SAFE SEMINARS

Friday Sept 25/09. Starts at 8:30 am to 4:00 pm
Mechanical/Electronic Safe Lock
Instructor: Shane Maloney

Mechanical Lock

Details: In this class, students will learn the history and nomenclature of the mechanical safe lock, its operation, service procedures and instruction for combination changing. Students will disassemble and reassemble a mounted safe lock. Combination changing sheets, and handouts will be made available. (Note: Attendees should bring basic hand tools, including safety goggles, small slot and medium Philips screwdrivers.)

Electronic Lock

Details: In this class, students will learn the basic design, construction and retrofit procedures of the popular electronic safe locks. Mounted locks from different manufacturers will be available for hands on training. Class will cover combination changing, troubleshooting and service techniques including multi user and time delay models. Combination changing sheets and handouts will be made available.

Instructor Bio:

Shane Maloney is the owner of FKS / First Key Security. He has been a member of TAOL and ALOA since 1992, and was the first Canadian to receive the NSO's 'Certified Master Safecracker' designation. Shane has instructed and assisted at safe seminars and classes in Canada and the U.S. with several organizations, he has had articles and tips published in every major locksmith magazine and he is well know by the online name "Yegger" on popular Locksmith Websites. He has been TAOL's webmaster and a TAOL director since 2000.

BASIC LOW VOLTAGE (CLASS 2)

Friday Sept 25/09. Starts at 8:30 am to 4:00 pm
Instructor: Paul Bentley, TCPL

Overview

- Learn what a step down transformer is and what it does. Differences between alternating (AC) and direct (DC) currents.
- How to use a multimeter. Types of electric strikes. Understand to terms Fail- Safe and Fail Secure.
- Learn how to build a basic voltage circuit. This is a hands on class. Tools you will need: screw drivers, wire strippers and multimeter (LED type preferred) are a must.

Instructor Bio:

Paul Bentley, owner of Able Lock Service in Toronto and Mississauga, has been a member of TAOL for the past 34 years. He has served on the Board of Directors in several capacities and is currently President. Paul has an extensive teaching background with both the Academy and the Association. He is also an ALOA member.

INGERSOLL RAND SECURITY TECHNOLOGIES SEMINARS

Friday Sept 25/09. Starts at 8:30 am to 12:00 pm
Schlage Bright Blue Accs Ctrl/ King Cobra2/ SNAPPprogrammer/ Everest/ Everest Primus

Instructor: John Fawcett

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Overview:

Bright Blue - Uniquely, bright blue lets users access, monitor and manage their system from any computer running a standard web browser. Designed for applications with 1-32 doors, such as small commercial buildings, K-12 schools and institutions, bright blue is the most intuitive access control system on the market today.

King Cobra2 - Understand how the KC2 locks and SNAP lets end users secure doors, manage 1000 individual user codes and credentials, and track 1000 event audit trail. Learn how to use the SNAP programmer to program the KC2 locks which communicates with a PC through a standard USB interface, much like a thumb drive or similar USB storage device.

Everest/ Everest Primus - The New Primus XP and Primus XP High Security System (UL437) Keys, which is patented in the USA and Canada to year 2024, have more material on the sidebar of the key to accommodate the new #7 Finger Pin. Primus finger-pins (numbered 1 through 6) align the sidebar. With the introduction of XP, a "7-pin" was created with a unique angle, combined with a new pocket location (depth). This new pocket location provides additional security for existing systems converting to XP, making unauthorized key duplication virtually impossible.

Instructor Bio:

John Fawcett - With 27 plus years of experience in the Security & Access Control and Door Hardware business – developing and acquiring vast knowledge and experience with companies such as Mosler Canada, ATCO, Rixson Firemark (Can) Ltd., Secure-Entry Ind., ENEX Door Automation and with Ingersoll Rand Security Technologies Canada for the last 12 years.

Presently, as the National Training Manager at Ingersoll Rand Security Technologies Canada, provides training on all IR mechanical, electronic security and access control products including applications/solutions and systems, well versed in all levels of Security & Access Control products/systems.

LCN Door Operators

Friday Sept 25/09. Starts at 1:00 pm to 4:00 pm

Instructor: Ken Reid

Overview:

This course is an overview training session for Low Energy Power Operator Systems and Applications for Barrier Free Accessibility. Featuring: Branded Automatic Operators by LCN – 4600, 4800 Series including the Senior Swing, Benchmark III Operators as well as the New Falcon 8200 Series LE Operator. You will have the opportunity to see the Senior Swing, Benchmark III and the Falcon 8200 anatomy specifically and features and benefits.

Instructor Bio:

Ken Reid - Has over 40 years experience in the Construction Industry with focus on Aluminum Doors, Frames and Curtain Walls. Of the forty year, eighteen plus years were associated with the Low & High Energy Automatic Operators and Door Hardware segment with Stanley Access Technologies (9 years) and Ingersoll Rand/Dor-O-Matic/LCN (9-1/2 years to date). My experience as Branch Manager for Dor-O-Matic in Ontario with my required support responsibilities Nationwide for the all aspects of the supply, installation and service of automatic door products (4-1/2 years) and Ingersoll Rand Security Technologies as Sales Consultant with focus on OEM Accounts for Aluminum Door manufacturers and Brand Champion on all LCN and Falcon branded Automatic Operator products.

INTRODUCTION TO SIMPLIFIED MANIPULATION

Saturday Sept 26/09. Starts at 8:30 am to 4:00 pm

Instructor: Shane Maloney

This one day class will explain in plain language the principals of using touch, sight and sound to dial open a common Group 2 safe lock, when the combination is unknown. You will learn wheel rotation, contact points, and wheel pick up points, and how to apply this information to open the lock. One of the goals of this class is to remove the shroud of mystery surrounding safe lock manipulation and reveal it as a simple science. The principals learned can also be applied to trouble shooting and will be an excellent first stepping stone to your education in Manipulation. Students will work on mounted safe locks, and should either have excellent eye sight or bring magnifiers they are comfortable with.

BASIC ELECTRONIC ACCESS CONTROL

Saturday Sept 26/09. Starts at 8:30 am to 4:00 pm

Instructor: Peter Lukacs

Overview

- Welcome and Course Introduction
- Company History
- Product Overview
- Hardware Setup & Wiring
- Software Installation & Configuration
- Training End Users
- Software Upgrade Procedures
- Trouble Shooting
- Question Period
- Identifying Sales Opportunities

Tools Required

- Pen & Paper
- Wire Strippers
- Digital Volt Meter
- Small Slot Screw Driver
- Lap Top (window 98 o/s or higher) (1 per company/group)

** If you do not have a lap top available, one can be provided, based on availability. Please specify if you will require one, as quantities are limited.

Instructor Bio:

Involved in the security industry for the last 20 years, Peter has served a short stint as a private Security Officer, over three years as a Private Investigator, and has spent the last 15 years as a Locksmith/Alarm Technician, installing and integrating security products including Lock Hardware, Alarm Systems, DVR/CCTV Equipment, and Access Control.

Peter has developed and instructed the hands on Access Control workshop courses provided by Hartmann Controls Corp. since 2008.

A member of The Association of Ontario Locksmiths in good standing since 2003, Peter has been a member of the Board of Directors since 2006.

TUBULAR LOCKS

Saturday Sept 26/09. Starts at 8:30 am to 4:00 pm

Instructor: Lloyd Howley

Overview

This class will present the features of the tubular lock and its application to equipment. Tubular key cutting, keying and key reading will be coupled with tubular lock picking.

Instructor Bio:

Lloyd Howley, owner of Lloyd's Lock & Security, has been an active member of Taol for the last 10 years. Lloyd has served on the TAOL Board of Directors as Sargent at Arms and is currently a Trustee.

Lloyd participates in educational courses and has taught several courses for the Association.