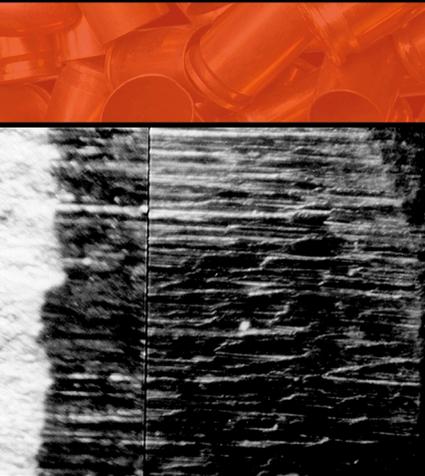
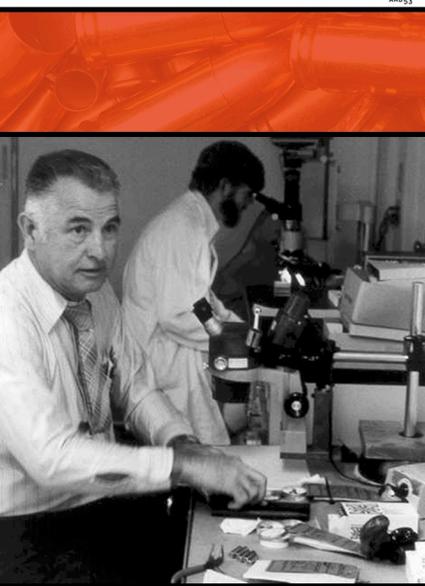
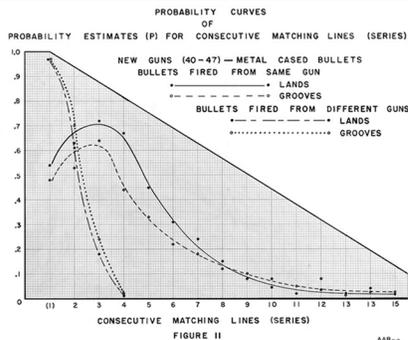


# Firearms & Toolmark Examiner Academy

Winter 2012 - Winter 2013



This Academy provides the core of the training needed for typical firearms and toolmark examinations, such as determination of possible weapons in no-gun cases, evidence weapon examinations for function and safety, and bullet and cartridge-case comparisons. The Academy includes an introduction to the Consecutive Matching Stria model of toolmark identification and instruction in expert courtroom testimony. The Academy will include a visit to a number of firearm and ammunition manufacturing facilities in California, Nevada, Arizona and Utah.

The curriculum includes formal courses and supervised laboratory training. Students come to CCI or go to other locations for modules of one or more classes. Between modules, students return to their home laboratories to complete assigned reading, practical exercises, and projects. Each home laboratory must assign the student an experienced examiner as a mentor to guide and evaluate student work. Competency testing is the responsibility of the home laboratory and is not included in the Academy.

## The Academy begins Dec. 4, 2012 and includes the following core courses:

- E600 Firearm and Toolmark Examiner Academy – **Orientation** – Dec. 4, 2012
- E102 **Firearms and Toolmarks Introduction I** (first half) – Dec. 5-7
- E105 **Digital Imaging, Documentation, Note Taking and Reporting** – Dec. 10-14
- E 101 **Firearms Safety in a Laboratory Environment** (prerequisite for the remainder of the classes.)  
Jan. 7-11, 2013
- E 102 **Firearms & Toolmarks Introduction I** (continues) / E419 Fundamental Manufacturing Processes –  
Jan. 28 – Feb. 1, 2013
- E102A **Firearms and Toolmarks Introduction I** Practical Lab – Feb. 4-8
- E103 **Firearms & Toolmarks Introduction II** – March 4-8
- E103A **Firearms and Toolmarks Introduction II** Practical Lab – March 11-15
- A 120 **Technical Writing for Criminalists** – March 18-20
- E420 Series **Special Topics: Firearms Function and Design series** – April 8-12 and various
- E425 **Firearms Factory Tours** (Firearms Academy students only) – April 29 – May 10 (including weekend)
- E402 **Suppressors, Their History Design and Testing** – May 29-31
- S202 **Shooting Incident Reconstruction** – June 3-7
- E 111 **Serial Number Restoration** – Aug. 5-11
- E201 **Toolmark Criteria for Identification** – July 7-12
- E429 **Special Topics – Full Auto and Conversion** – Nov. 4-6
- A103 **Courtroom Presentation of Evidence** – Nov. 6-8

**Student Objectives:** Courses and activities within the Firearms Academy should provide a student with half to two-thirds of a typical training program. Students will be expected to continue training within their home laboratories, prior to conducting independent casework analysis. Individual laboratories will assume responsibility for final training, and competency and proficiency testing.

**Prerequisites:** Applicants must be employed as Firearm and Toolmark Examiners or trainees in a government forensics laboratory with an available, experienced firearm and toolmark examiner who will serve as a mentor and will be able to supervise the final stages of training.

**Preparation:** Pre-course reading material and activity package for several of the classes.

**No cost to students or agencies:** Travel, materials fees and tuition are paid by a grant from the National Institute of Justice, 2011 DN-BX-K565.

**Contact:** Call 916-464-0600, FAX 916-464-5818 or visit the CCI website at [oag.ca.gov/ccl](http://oag.ca.gov/ccl) for additional information and application forms.

