

Footwear and Tire Impression Course

This 3 day workshop is designed for police officers, detectives, crime scene investigators, and criminalists who document, recover and preserve footwear or tire impressions at crime scenes. Inexperienced officers and seasoned investigators alike will expand their abilities using the concepts and methods taught in this class. All information in this course is taught in accordance with standards set forth by SWGTREAD, and the International Association for Identification (IAI) certification reference materials.

Course topics include:

Terminology
Recovery Methods
Photography

Scene Documentation
Report Writing
Known Impressions

Students will benefit from lectures, case examples and several hands-on exercises. The practical exercises will expose students to modern methods used in the recovery and documentation of footwear and tire impressions at crime scenes.

Course Outline

Day 1

Introductions
Pre-Test
Overview of Footwear/Tire Impressions
Case Examples
Scene Documentation

- Video
- Photography
- Diagrams

Case Examples
2 Dimensional Impressions

- Examination Quality Photographs
- Electrostatic Lifting Device
- Gelatin Lifts
- Other Means

Case Examples
Demonstrations/Practicals

Day 2

Review of Day 1

3 Dimensional Impressions

- Examination Quality Photographs
- Footwear
- Tire Tracks
- Casting
 - Dental/Die Stone
 - Other Gypsum Based Products
 - Other Materials

Casting Demo/Practical

Known Impressions

- Footwear
 - Packaging
- Tires
 - Ink Method
 - Powder Method
 - Vaseline Method
 - Inkless Methods

Known Impressions Practical

Day 3

Review Day 1 and Day 2

Case Examples

Documentation

- Photos
- Diagrams
- Measurements
- Report Writing

Submitting Evidence to the Lab

How Comparisons are Done

Case Examples

IAI Certifications

Final Review

Post Test with Practical