

**RON SMITH AND ASSOCIATES, INC.****EXAMINATION OF SIMULTANEOUS IMPRESSIONS****Austin, TX | June 12-14, 2017**

**Class Instructor:**  
**John Black, CLPE,**  
**CFWE, CSCSA**

**3 Day Course**

**24 Training Hours**

**\$400.00 Tuition**

**This course is approved  
for IAI certification and  
recertification purposes**



**RS&A recommends  
taking our classes in  
order of our Sequential  
Training Curriculum**

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CURRICULUM**



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COURSE BROCHURE**

**CLASS CONTACT**

Dennis Degler, Latent Print Supervisor  
Austin Police Department  
512-974-5780  
[dennis.degler@austintexas.gov](mailto:dennis.degler@austintexas.gov)

**CLASS LOCATION**

Austin Police Department  
812 Springdale Road  
Austin, TX 78702

**\*\*Park in front of the building.**

Class Times: 08:00 AM to 05:00 PM

**LODGING INFORMATION**

Although we cannot endorse any particular hotel property, we have confirmed that the following lodging is within a reasonable commuting distance to the training site.

Holiday Inn Austin Airport  
6711 E. Ben White Blvd.  
Austin, TX 78741  
512-385-8400

[CLICK HERE FOR HOTEL WEBSITE](#)

**TARGET AUDIENCE**

This advanced course is designed for examiners who want to learn more about the use of simultaneous impressions in the identification process. If your agency currently doesn't report identifications based on simultaneity then you may wish to attend. Research from both the United States and Europe will be presented along with the SWGFAST position on this important topic.

**SPECIAL NOTES FOR STUDENTS**

Each student must bring a fingerprint magnifier and ridge counters.

Dress is business casual as the course will be conducted in a professional environment and facility.

**REGISTER AND PAY TUITION ONLINE**

Training registration and tuition fees can now be completed online in the new RS&A e-Store!

- Online registration is fast and easy!
- Pay class tuition using your credit card, request an invoice, or choose check by mail.

Visit [www.RonSmithandAssociates.com/Training](http://www.RonSmithandAssociates.com/Training) to select your class and register online today!

# RON SMITH AND ASSOCIATES, INC.

## EXAMINATION OF SIMULTANEOUS IMPRESSIONS



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### COURSE DESCRIPTION

This course will first examine the pilot study conducted on simultaneous impressions in the wake of the ruling by the Supreme Judicial Court of Massachusetts stating the application of ACE-V to such impressions does not satisfy a Daubert analysis. Topics to be discussed include study design, results, documentation, error rates, conclusions, and future considerations. The focus then shifts to an in-depth look at SWGFAST's Standard for Simultaneous Impression Examination, which provides a structured means to address these types of impressions. Attendees will also create simultaneous impressions according to provided ground truth (known) conditions on different surfaces. These impressions will then be developed and examined by the attendees to help them better understand the appearance of the impressions in light of the known deposition conditions. Finally, attendees will apply both the presented theory and their practical experience in examining numerous impressions (ground truth unknown) to conduct full written analyses, ideally demonstrating that their conclusions of simultaneity or non-simultaneity are supported by the physical evidence.

Course Objectives:

- \* To understand the research conducted to date on simultaneous impressions
- \* To properly document simultaneous impressions via analysis notes
- \* To understand how to properly examine simultaneous impressions

### TARGET AUDIENCE

This advanced course is designed for examiners who want to learn more about the use of simultaneous impressions in the identification process. If your agency currently doesn't report identifications based on simultaneity then you may wish to attend. Research from both the United States and Europe will be presented along with the SWGFAST position on this important topic.

### DAILY SCHEDULE

	Day 1	Day 2	Day 3
Hour 1	Registration / Course Overview / Introductions	SWGFAST simultaneous impression standard – analysis	Practical exercises – creating simultaneous impressions
Hour 2	Review of the Patterson case	SWGFAST simultaneous impression standard – analysis	Practical exercises – creating non-simultaneous impressions
Hour 3	Patterson oral arguments video	Practical exercises – determining simultaneity	Examination of created impressions
Hour 4	Presentation of pilot study research	Practical exercises – determining simultaneity	Comparison Exercise
Lunch	Lunch	Lunch	Lunch
Hour 5	Presentation of pilot study research	SWGFAST simultaneous impression standard – comparison	Comparison Exercise
Hour 6	Discussion of additional research	SWGFAST simultaneous impression standard – evaluation, verification	Course review
Hour 7	Practical exercises – determining simultaneity	SWGFAST simultaneous impression standard – reporting	Written examination
Hour 8	Practical exercises – determining simultaneity	Discussion of other research efforts	Discussion of exam; certificates; evaluations; closing remarks

### SHOULD BE ABLE TO PERFORM

At the completion of this course the student should be better able to determine the simultaneity or non-simultaneity of impressions, with justification, on a variety of surfaces. Students should also have a more complete understanding of the many dynamics involved during the deposition process and how these dynamics affect the appearance of the resulting impressions.

**RON SMITH AND ASSOCIATES, INC.****EXAMINATION OF SIMULTANEOUS IMPRESSIONS****MUST BRING TO CLASS**

Students should bring fingerprint magnifiers and ridge counters.

Dress is business casual as the course will be conducted in a professional environment and facility.

**RECOMMENDED READING**

*Black, J. P. Pilot Study: The Application of ACE-V to Simultaneous (Cluster) Impressions. Journal of Forensic Identification. 2006, 56 (6), 933 - 971.*

*Standard for Simultaneous Impression Examination, 12/5/08, ver. 1.0, [www.swgfast.org](http://www.swgfast.org)*

*Ashbaugh, D.R. Quantitative-Qualitative Friction Ridge Analysis: An Introduction to Basic and Advance Ridgeology; CRC Press: New York, 1999; pp 134-135.*

**HOST A CLASS**

In order to present this class a room with a PowerPoint projector and screen, dry erase board or easel pad with markers, a table and chair for the instructor and adequate space, tables and chairs for 40 attendees is necessary.

Also, a separate room with several tables is needed for practical exercises involving the creation and development fingerprint evidence utilizing magnetic powder and basic lifting supplies. Overhead lighting will be sufficient.

**I.A.I. APPROVED TRAINING HOURS**

This course provides 24 training hours and is approved for IAI Certification and re-certification.