

**Course Title:**

RS&A Advanced ACE-V Applications for Fingerprint Examiners – Hackensack NJ

**Course Dates:**

March 22 – 26, 2021

**Tuition Cost:**

\$600.00

**I.A.I. Approved Hours for Certification or Re-certification:**

40 Hours

**Course Location:**

Bergen County Sheriff's Office  
2 Bergen County Plaza – Court Street  
Room 2069  
Hackensack NJ 07601

**Course Instructor(s):**

Glenn Langenburg, P.h.D., CLPE, F-ABC

**Course Description:**

This course takes ACE-V to the next level. In the course, we deconstruct ACE-V into the various stages and perform exercises, individually and as a group, to demonstrate the course material. We will explore significant decisions and steps during each of the phases of ACE-V: Analysis, Comparison, Evaluation, and Verification. Students taking this course will have a greater appreciation for the complexities of ACE-V and decision making, will be knowledgeable of the most current research and standards regarding ACE-V, and will be exposed to complex current issues (such as bias, error rate, probabilistic reasoning, etc.). The course gives a proper framework to explore the many sides of the more complex issues in the fingerprint domain. All material will be supported by research data, references, and ample sources for the students to explore.

We will explore significantly complex fingerprint comparisons in this course. We will also cover issues relating to the 2009 National Academy of Science Report on forensic sciences. Specifically we will address issues such as “individualization” philosophy, error rates, and discuss the relevant research and data that are available on these topics.

This course is a must for any examiner who is struggling with issues in performing or testifying to ACE-V fingerprint examinations in a post-Daubert or post-NAS environment. The course explores many different ways of addressing these critical areas with new research, data, and philosophies.

**Target Audience:**

This is a more advanced and complex course, with some assumption that the student has previously been exposed to the basics of ridgeology, ACE-V, Daubert issues, distortions, and complex analyses. Ideally the student will have a minimum of 2 years in latent print work or 8 years in 10-print work. The course deals with complex issues such as “uncertainty”, “error rates”, “cognitive bias”, and “complex distortions”. As such students should come prepared to hear new views and see new research on these topics. This course is recommended by the instructor and Ron Smith & Associates, Inc. for agencies dealing with issues of meeting accreditation requirements specifically related to documenting and understanding the process of ACE-V or finding new ways to deal with the criticisms in the 2009 NAS report of forensic sciences.

**Course Contact Information:**

Marc Metzinger

Detective Lieutenant

201-336-3500 ext 4529

[Mmetzinger@bcisd.us](mailto:Mmetzinger@bcisd.us)

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