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# Logical Latent Analysis

**Instructor: Mack Brazelle**  
**October 2-3, 2017**

**Tuition: \$299**

**Sacramento Police Communications Training Ctr.**  
**7397 San Joaquin Street, Sacramento, CA 95820**

**Lodging information:**  
**Courtyard by Marriott Sacramento Midtown**  
**4422 Y Street, Sacramento, CA 95817**

**916-455-6800**

Room Rate: \$119 plus tax on Sunday and Monday and \$149 plus tax on Tuesday.  
Mention Tri-Tech Forensics when calling for reservations.



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## ABOUT TRITECH

A leader in the forensics market, Tri-Tech Forensics provides evidence collection and crime scene investigation products and training to crime labs and crime scene investigators throughout the world. With over 30 years of experience, we are the nation's most proficient developer and manufacturer of forensic kits. We are committed to providing our customers with state-of-the-art forensics products and services at affordable prices. It is our goal, through our research and development program, to continue to develop superior products and training to aid in all aspects of crime scene investigation and crime lab analysis. We know how important our products and training are to the forensics community, from investigation to prosecution. Our mission is the same as our customers – *Identify. Protect. Preserve.*

## COURSE DESCRIPTION

# Logical Latent Analysis

When was the last time you attended a fingerprint class on analysis? Not a theoretical discussion on how to implement ACE-V or how to document your analysis. We're talking about a practical fingerprint class on how to quickly and accurately interpret the visual information found in latent prints. If you're looking for a class to sharpen your skills as an examiner and become more confident in your analysis, this is the class for you.

This two-day course of instruction will cover innovative techniques that can be employed when conducting latent print examinations.

Techniques include methods for latent orientation, detailed pattern analysis, distinguishing thumbs from fingers, creating a basic shape search, using a crease(s) for searching, delta interpretation, and much more. The instructor will use lecture, class discussion, and exercises to reinforce the techniques discussed.

It's the instructor's goal to advance the latent analysis process beyond the basic search smart tips by outlining a systematic yet practical approach

to analysis. This approach known as Logical Latent Analysis can be helpful for new examiners as well as experienced examiners. This skills building course includes innovative techniques that can be employed by latent print examiners and tenprint examiners to improve their ability and efficiency.

### Topics of Discussion

- Innovations in Latent Print Orientation
- Detailed Loop, Whorl, and Arch Analysis
- Innovative Techniques for Distinguishing Thumbs from Fingers
- Advanced Search Techniques, Using Basic Shapes
- Fingerprint Card Analysis
- Using Creases to Search
- New Ways to See Deltas and Cores
- Levels 2 & 3 Detail
- Palm Prints
- Interpreting Latent Print Distortion
- Outside the Pattern Area Examination
- Latent Print Shape Classification

## COURSE INSTRUCTOR



### MACK BRAZELLE, CLPE, CCSI

Mack Brazelle currently serves as a Fingerprint Specialist working in the Forensic Science Laboratory of the United States Treasury Inspector General for Tax Administration. He holds a Bachelor of Science degree from Mount Olive College and is recognized by the International Association for Identification (IAI) as both a Certified Latent Print Examiner and Certified Crime Scene Investigator.

Mack began his career as a law enforcement officer in North Carolina, eventually becoming Sergeant of the detective division as well as latent print examiner for the Columbus County Sheriff's Office.

During his time in law enforcement, Mack was awarded his Advanced Professional Certification from the Sheriff's Education and Training Standards Commission and became a Certified Criminal Justice Instructor for the North Carolina Department of Justice. Since 2007, he has been an adjunct instructor with the North Carolina Justice Academy, teaching both Fingerprint Classification and Comparison and Advance Latent Print Comparisons.