



# ***Force Encounters Analysis: Understanding Human Performance during Critical Incidents***

**Hosted by Fresno PD, October 12-14, 2015**  
**POST Plan 3, fully reimbursable and STC Certified**  
**Tuition: \$277.00**

***California Training Institute (CTI) has developed what may be the most important law enforcement course available to today; a dynamic, participant-centered course, providing the latest, in unbiased scientific evidence pertaining to officer involved use of force (UOF). The findings delivered in our course material have been proven, and directly credited with saving officer lives on the street, and with preventing some officers from being unfairly convicted of criminal use of deadly force.***

*This vitally important training is for all participants involved in police officers' use of force policy and procedure, and is designed for: **LE Command Staff, SWAT & Patrol, Investigators, Trainers, Police Psychologists, Attorneys, and Risk Managers.** CTI's proven strategies will provide you with the knowledge to build a bridge between the latest academic research, and the law enforcement environment. Executives, Investigators, Attorneys, and Risk Managers will be provided with knowledge essential to defend their officers and entities against Criminal & Civil Liability. Officers, SWAT operators, and trainers will gain a more thorough understanding of their abilities during rapidly evolving dynamic incidents and learn to overcome some of the negative effects of stress – potentially life-saving information!*

***COURSE TOPICS:*** *Understanding suspect/officer reaction times, for both increasing officer safety and forensic analysis, understanding human error in critical incidents through the science of human performance, creating a "mental toughness" mindset for reducing stress and increasing performance during critical incidents, how to train to win using the same science used by Olympic athletes, recommendations for ensuring the most thorough UOF investigation, the effects of fatigue on performance, and much more...[\(read more\)](#)*

***Force Encounters Analysis will expand knowledge of clear-cut, scientific evidence, to ensure that those involved in, providing training for, investigating, or otherwise responsible for a UOF incident, have the critical knowledge they need to truly determine the reasonableness of a use of force incident by answering questions such as:***

- *How quickly can suspects launch an attack, as opposed to an officer who must take the time to determine threat before taking action?*
- *Why are suspects shot in the back by well-trained officers making valid decisions? How long does it really take to start – and stop – shooting? Why do officers in high adrenalin confrontations continue to fire after the threat has ended?*
- *Why might statements conflict with forensic evidence? How do perceptual distortions & stress-induced memory gaps impact accurate recall?*
- *How can investigators best 'mine' officers' memories in a post-incident interview, and avoid common interviewing mistakes that can put the officer, the investigator and the entire department in jeopardy?*

**\*\*Attendees are also introduced to and provided a Media Kit created by CTI providing agencies an ability to “get out in front” of a critical use of force incident!\*\***

**Terminal Learning Objectives:**

- 1. Analyze and investigate a lethal force encounter and explain the human factor forensics involved.**
- 2. Predict an officer’s and suspect’s reaction time and the biomechanics of lethal force encounters.**
- 3. Describe how fear (threat) is processed by the nervous system and how the components of the Limbic System communicate with each other to deal with the threat.**
- 4. Describe the fight or flight response triggered by the Limbic System and the basic positive and negative effects on the physiological, perceptual, and cognitive systems.**
- 5. Describe the concept of hormonally induced heart rate and be able to predict performance given a specified heart rate.**
- 6. Describe the physiological, perceptual, and cognitive problems we experience under stress.**
- 7. Describe how we make decisions in normal situations vs. under stress.**
- 8. Understand the basic principles of total response time, including its components and the factors that affect those components.**
- 9. Understand the limits of human reaction time in order to judge our own performance and that of others based on what we can do in fractions of a second.**
- 10. Understand the biomechanics and timing of shooting from different positions for both officers and suspects.**
- 11. Using this information compare an officer’s response time to a suspect’s initiation of a gunfight to determine the probability of a successful encounter.**
- 12. Understand how officers recall information from an OIS situation during an interview.**
- 13. Discuss the advantages and disadvantages of the traditional police interview versus the cognitive interview.**

**(For a complete list of the Course Terminal Learning Objectives, visit [www.CTI-home.com](http://www.CTI-home.com).)**

**Certified Force Science Analyst, Craig E. Geis, (Lt. Col Ret.), M.A., M.B.A,** is Co-Founder of CTI and has extensive background in error and risk management. As career army pilot, he developed the military’s Team Resource Management (TRM) training program to address human error, and is a former instructor for the U.S. Military Academy at West Point, Embry Riddle Aeronautical University, University of Maryland, and University of San Francisco. Craig holds an MA in Psychology from Austin Peay State University, and an MBA in Management from Georgia Southern College.

**Certified Force Science Analyst, Dave Blake, M.Sc.,** has held positions as Force Options Unit Instructor, SWAT team member, Field Training Unit Officer, Gang Unit Officer, Narcotics Detective, and his instructor certifications include Firearms, Defensive Tactics, Force Options Simulator, and Reality Based Training. Dave’s 8 year service in the USAF included deployments in support of Operations Restore Hope and Desert Storm. He holds a Bachelor of Science in Criminal Justice Management and a Masters of Science in Psychology. Dave is currently an adjunct professor of criminal justice and writes a quarterly column for PoliceOne, entitled The Science of Training.