



# FIRST STATE FORCE REVIEW



*Applying human performance research and digital video literacy*

*to Constitutional standards, policy, and training.*

# METHODOLOGY



Criminal and civil investigations, as well as reviews and analyses, are frequently influenced by implicit biases that are often disregarded during the quest for a comprehensive and precise investigation. Recognizing how to address these typical investigative pitfalls is crucial for attaining an objective assessment of a significant event. Our communities, citizens and law enforcement agencies merit meticulous, evidence-based analysis and scrutiny conducted by seasoned experts utilizing a proven investigative approach.



## CONSIDERATIONS

CODECS

FRAME RATE

MISSING DATA

VIDEO DISTORTIONS

COLLECTION

STORAGE

## CONSIDERATIONS

FOCUS OF ATTENTION

PERCEPTION

PERCEPTUAL DISTORTIONS

DECISION-MAKING

RESPONSE TIMES

MEMORY



# **OUR VISION**

To provide law enforcement, civilians, and other community shareholders expert analysis in critical incidents facilitated by police expertise.

# **OUR CORE VALUES**

## **EXPERTISE**

Delivering unparalleled expertise in use of force examination, forensic video analysis, human factors, and law enforcement perspectives.

## **INTEGRITY**

Upholding the highest standards of integrity in all our interactions, case analysis, and training programs.

## **EMPOWERMENT**

Empowering individuals to make informed decisions based on evidence and contemporary scientific insights

# Innovative Training Solutions



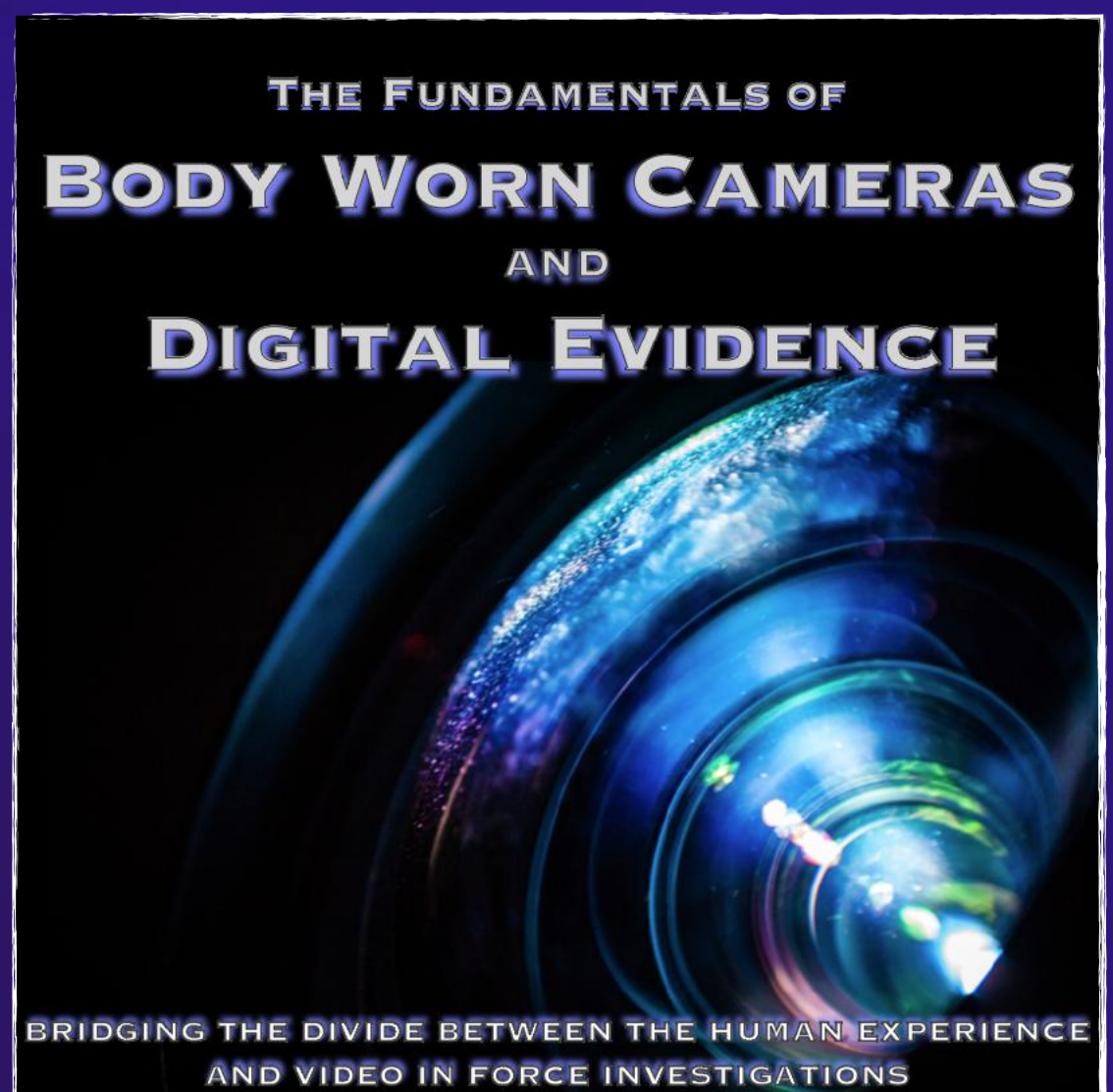
This comprehensive course is designed for law enforcement professionals seeking to deepen their understanding of human performance factors and their impact on use of force incidents. It delves into the critical principles that underpin an officer's decision-making process, which are often overlooked in traditional reviews. Participants will gain a solid foundation in basic video literacy and digital evidence analysis, enabling them to more effectively interpret and connect video evidence with an officer's experience. The course also introduces a proven investigative methodology that helps avoid common investigative pitfalls. By integrating these insights, investigators will be better equipped to analyze use of force incidents comprehensively and make informed decisions.



# Innovative Training Solutions



Body worn cameras and digital video have arguably become the most prolific tools and evidence in use of force investigations today. As such, it is critically important to have an understanding where digital video evidence's role and importance lie in use of force investigations. This presentation will examine how to apply evidence-based research and video literacy to force investigations and analysis. A proven methodology using the latest human performance research, body worn camera, and digital evidence fundamentals will provide a more complete and thorough analysis. This course provides the foundational principles to the investigator to properly examine and analyze digital video evidence while navigating common investigative errors.



# Innovative Training Solutions



This course will examine how to create a cutting-edge Use of Force Training and Analysis Unit dedicated to accurate data collection, analysis, and training based on the thorough examination of every use of force incident within a law enforcement agency. This in turn will aid in the development of policies, innovative strategies, and improved outcomes through proactive evidence-based human factors training and guidance to enhance officer performance.

## DEVELOPING A DEDICATED FORCE ANALYSIS UNIT



# Use of Force Examination and Analysis



## Important Considerations

**Expertise and Experience:** Reviewing thousands of use-of-force events, along with compiling extensive hours of video analysis, showcases our deep understanding of the subject matter.

**Nuanced Understanding:** Acknowledging the nuanced complexities involved in human performance, decision-making, and digital video evidence indicating a comprehensive approach to analysis. These factors can greatly influence the outcome and interpretation of a use-of-force incident.

**Methodology:** Employing a fact-driven methodology that incorporates peer-reviewed theory, evidence-based practice, and policy demonstrates a commitment to objective analysis. This approach helps ensure that our conclusions are grounded in solid research and established principles.

**Credibility:** As active law enforcement professionals, we demonstrate expertise in use-of-force analysis, training, policy, and evidence-based practices.

**Comprehensive Account:** The ultimate goal of our analysis is to provide a comprehensive account of the use-of-force event. This involves considering multiple perspectives, examining all available evidence, and applying rigorous analytical techniques.

# ABOUT FIRST STATE FORCE REVIEW



As a consultant and an advanced human factors specialist, I help law enforcement agencies improve their use of force policies, practices, and training. I have over 26 years of experience in various aspects of policing, including patrol, SWAT leadership, narcotics, mobile field force, street crimes, drug recognition expert testimony, and Patrol Executive Officer responsibilities. I also hold multiple certifications in use of force instruction, analysis, and investigation from reputable institutions such as the Force Science Institute, Critical Incident Review, and the Federal Law Enforcement Training Center. I received my Advanced Specialist certification in human factors from the Association of Force Investigators. I developed and currently lead the Use of Force Review and Analysis Unit at my agency, the first of its kind in Delaware. Our unit conducts reviews and analysis on more than 600 use of force incidents annually, with an expertise in officer-involved shooting analysis. Additionally, I provide outside agency instruction, consultation, and presentations nationwide on the key principles of human factors and forensic video analysis, as well as the best practices for use of force review and management. Throughout my career, I have instructed thousands of students who include officers, investigators, government officials, prosecutors, judiciary, private attorneys, and civilian review boards. As an active law enforcement officer and analyst, I am also the co-founder of First State Force Review LLC.



# ABOUT FIRST STATE FORCE REVIEW



Sergeant Sean Ryan is an active-serving 14-year law enforcement veteran for his agency that has an authorized strength of 415 sworn personnel. Sean currently serves as a Sergeant in the only fully dedicated Use of Force Review and Analysis Unit in Delaware reviewing hundreds use of force interactions annually. Sean has worked as a patrol officer, street crimes team member, undercover detective as well police drone operator.



With over 12 years of instructor experience, he has a teaching background in the fields of use of force, control tactics, narcotics investigations, search and seizure, de-escalation, as well as scenario-based training. He has received certifications in force analysis through the Force Science Institute, Critical Incident Review, and Advanced Human Factors through the Association of Force Investigators. Sean instructs and has consulted with law enforcement officers, prosecutor offices, attorneys, citizen police academies, as well as civilian review board members. He instructs on the topics of human performance factors related to law enforcement, force analysis, digital video literacy, and unit development. Sean is the co-founder of First State Force Review LLC.

# TESTIMONIALS



“Matt and Sean bring a wealth of practical experience to the world of police use-of-force investigations, review, and training. Their ability to explain complex legal, academic, and law enforcement concepts in simple everyday language is rare in my experience and speaks to their depth of knowledge and experience. As high level practitioners, they not only understand the underlying theories and concerns, they are actively applying and navigating them on a daily basis. They are skilled instructors and have a wealth of knowledge on how to actually apply the concepts they teach. In short, Matt and Sean are the real deal and their courses are a must for those interested in improving the knowledge and capacity in the realm of police use-of-force investigations, review, and training.”

Dr. Paul L. Taylor, Ph.D.

“I truly think that you guys are ahead of the curve with putting this information out to the masses and more importantly the Attorney General’s office.”

Training Client

“Excellent presentation. Everyone in the state should see this!”

Training Client

“This training is something that was needed years ago and I’m glad it’s here. The sense of morale has returned and someone has finally closed the distant gap between administration and the street. Leadership is the ability to teach and inspire. As an actual police officer that has boots on the ground, the level of motivation that is course inspires is beyond comprehension.”

Training Client