

Video Examinations for the Police Investigator

2 Day Class

Student Handout

COURSE DESCRIPTION

The most prolific source of evidence available to investigators comes from video cameras. *Video Examinations for the Police Investigator* exposes students to the latest techniques and methodologies used to accurately interrogate digital multimedia evidence for the purpose of furthering a criminal investigation. This dynamic hands-on course directs investigators through the processes of recovering valuable evidence from video images. This course focuses on specialized investigative techniques for the examination of video images to explore issues relating to Use of Force, Speed Estimation and Identification. Body Worn and In-Car Video sources are examined in depth, testing image accuracy and exploring redaction processes. Investigators are exposed to automated methods and practices of producing interactive visual investigation reports for the accurate disclosure of a video driven investigation.

LEARNING OBJECTIVES

- *Investigators will demonstrate a competency to accurately and reliably examine digital video evidence for the purpose of furthering a criminal investigation;*
- *Investigators will demonstrate a proficiency in conducting basic image capture processes;*
- *Investigators will learn to accurately produce subclips of relevant video data from larger video files;*
- *Investigators will demonstrate appropriate knowledge of digital video compression in order to accurately interpret the reliability of video evidence;*
- *Investigators will test, define, and articulate the technical limitations of proprietary digital video players;*
- *Investigators will demonstrate techniques to determine accurate image refresh rates for the purpose of determining timing and other issues relating to motion and force, and to speed estimation;*
- *Investigators will demonstrate a proficiency in the use of both free-ware and specialized COS (Commercial Off-the-Shelf) software for the purpose of producing reliable images and to write accurate criminal investigation reports using embedded video and still images.*
- *Investigators will learn expedited techniques to quickly produce reliable copies of video evidence that will be easily playable in industry standard players for court purposes.*