



Level 2: Digital Multimedia Evidence Processing

Who Is It For: Graduates of LEVA Level 1. Employees of any agency that currently has or will soon have forensic video analysis and digital multimedia evidence processing.

Course Overview: The LEVA Level 2 course builds on the concepts of the LEVA Level 1 course. The public expectation today is that if a crime occurs, there will be video/audio of the incident. There is a significant, specific skill set that investigators need to PROPERLY handle and process the digital multimedia evidence that gets collected. If the DME is not handled and processed carefully, according to best practices, the video/audio might not be interpreted accurately. This course exposes students to more advanced theory and hands-on techniques that conform to the Best Practices for the Acquisition and Processing of Digital Multimedia Evidence (DME).

Objectives:

- The roles of technicians and analysts
- Recognition versus identification of objects depicted in video
- Video data authentication and data integrity verification techniques
- Interrogation of digital multimedia evidence
- Proper workflow processes
- Introduction to digital non-linear editing techniques
- Video clarification techniques
- Audio theory
- The scientific method
- Comparative analysis techniques
- Introduction to image editing techniques
- Image clarification techniques
- Video compression
- Image data authentication and tampering detection
- Freeware tools and metadata examination
- Basic audio processing and redaction
- Tool selection and options
- Digital media authentication legal concepts
- Reports and Curriculum Vitae essentials

Duration: 5 days

Minimum and Maximum Number of Students: 20 / 40

For further information about LEVA, go to www.leva.org.

For questions regarding training, contact Mr. Jan Garvin, LEVA Executive Director, training@leva.org.