

REGISTRATION INFORMATION

Name _____
Agency _____
Address _____
City _____ State _____
Zip _____ Phone _____
FAX _____ e-mail _____

Registration fee:
\$300.00 per person

P.O. Number (if known)

Training Site:

**Grantwood Golf Course
Clubhouse
38855 Aurora Road
Solon, Ohio 44139**

4 WAYS TO REGISTER:

On line: www.ncpi-ohio.com

Mail: North Coast Polytechnic Institute
Attn: William D. Healy, Director
6688 Steinbeck Court
North Ridgeville, Ohio 44039
Phone (440) 353-0796
E-mail: info@ncpi-ohio.com
Fax: (440) 353-0797

Mr. Healy will confirm all registrations,

FOR OFFICE USE ONLY

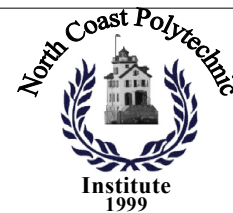
School No. _____

School: Digital Media Evidence

Wednesday-Thursday December 2-3, 2026 Solon PD

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**Digital Media
Evidence -
what every
LE officer
needs to know**

Hosted by



**Solon
Police
Department**
Two day school
Wed – Thurs
December 2-3,
2026

**8:00 AM-4:30 PM
each day**

“Digital Media Evidence (DME) - what every investigator needs to know”

Forensic video analysis is the scientific examination, comparison, and/or evaluation of video evidence for legal matters. Most people believe that video is the ‘*silent witness*’ and that ‘*what you see is what you get.*’ However, a proper forensic video analysis will often demonstrate that ‘what you see’ is an oversimplification. In fact, often the videos examined and analyzed are not the original videos with the original meta-data, but copies of the original file. If not examined properly these video files can be misinterpreted, resulting in skewed and flawed results. This two-day school was designed to help the investigator get a better understanding of the capabilities and limitations of the DME. This school will provide protocols that an investigator must use in the preservation, extraction, and analysis of digital media evidence. Day One will be primarily lecture on digital media issues and Day Two will be an entire day of “practical” exercises and applications.

• Day One Topics: (Classroom Lecture)

- Introduction to Digital Media Evidence (DME) and forensic video analysis
- Common sources of digital video evidence and recording technologies
- Digital video terminology, including frame rates, resolution, codecs, containers, compression and aspect ratios
- Understanding proprietary video formats and common play back challenges
- Video metadata, timestamps, and recording system limitations
- Constant versus variable frame rates and their implications for forensic examinations
- Video acquisition, extraction, preservation and chain of custody
- Understanding transcoding, file conversion, and screen recordings
- Introduction to forensic video enhancement and image processing
- Common misconceptions, limitations and potential sources of error

• Day Two Topics: (Practical Project Work All Day)

- Introduction to Axon Investigate software interface and its forensic capabilities
- Importing, reviewing and examining digital video evidence from real world issues
- Evaluating video properties to include frame rates, resolution, metadata & recording
- Identifying potential issues with video playback, compression & temporal accuracy
- Conducting frame by frame examinations to identify & document investigative events
- Applying forensic video enhancement techniques, including brightness and contrast adjustments, sharpening, stabilization and frame averaging
- Examining the capabilities and limitations of various enhancement techniques
- Utilizing real world case studies to demonstrate how forensic video analysis can assist in understanding the sequence of events surrounding an incident

About the Instructor:

MATTHEW HEALY is currently employed as a forensic video analyst with INTROTECH Crash Reconstruction & Forensics Group in Grafton, Ohio. He previously worked for 8 years as a professional video specialist, prior to joining Introtech in the Spring of 2019. He has a Bachelor's degree in electronic media production from Kent State University. With the capabilities of Axon Investigate (formerly Input-Ace), Mr. Healy can interrogate Digital Media Evidence. Mr. Healy's focus is to authenticate the video as being a ‘*native*’ original file, find the metadata within the video, determine frame counts and specs of the video, interrogate both the video and audio streams, and help identify the who, what, when, where and why of the case. In addition to his extensive experience, he has also received specialized training in both areas of Accident Reconstruction and Forensic Video Analysis. He has graduated from the Northwestern University's Basic & Advanced Accident Investigation schools & also graduated from IPTM's Accident Reconstruction school. His video certifications include: Axon Investigator Operator Certification, Axon Investigator Examiner Certification, Axon Investigator Meteorologist Certification and LEVA (Law Enforcement & Emergency Services Video Association) Level One & Level Two Certifications. Matt will be attending LEVA Level Three & Level Four training soon
