REGISTRATION INFORMATION

Name _____

Agency _____

Address _____

City __ _____ State _____

Zip _____ Phone _____

FAX _____ *e-mail* _____

Registration fee:
$250.00 per person

_____P.O. Number (if known)

Training Site:

Fairview Park
Gemini Center
21225 Lorain Road
Fairview Park, Ohio 44126

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*

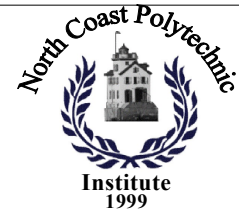**Mr. Healy will confirm all registrations,**

North Coast Polytechnic Institute
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North Coast Polytechnic
Institute
1999

Digital Media Evidence - what every investigator needs to know

Hosted by

Fairview Park Police Department

Two day school
Thursday – Friday

May 29-30, 2025

8:00 AM-4:30 PM

"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.

About the Topics:

- Digital Media Evidence (DME)
- The Kyle Rittenhouse Trial and why this case was vital in our industry
- Terminology and Definitions of what every investigator needs to know when dealing with DME
- Best Practices for Preservation, Extraction and Analysis of DME
- Digital Media Limitations
- Cloud Based Video Systems
- Basic Overview on obtaining Speed from video
- Revers Projection using Axon-Investigate Camera Match Overlay Tool
- Case Examples
- Practical Exercises and Applications to LE investigations

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. Today, visual & audio evidence is everywhere and can be found at more locations and from more diverse sources than ever before. Forensic Video Analysis is defined as the scientific examination, comparison, and/or the evaluation of video in 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 show that this is not always the case. In fact, often the videos examined & analyzed are not the original videos with the original meta-data, but copies of the original file from the DVR/NVR sytem. 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 in the near future.