

AUDIO/VISUAL FORENSIC ANALYST
Selection Process I.D.#
2018/0624

EXAMINATION PLAN

I. Written Examination

Multiple choice 30 items
Weight = 20%
Pass = 70% or better
Time Limit = 1 hour

Reference Sources & Links:

Adobe.com Creative Cloud: Editing https://www.adobe.com/my_en/creativecloud/design/discover/batch-edit.html
Adobe.com Creative Cloud: File Types <https://www.adobe.com/creativecloud/file-types/>
Adobe.com. Creative Cloud Photography <https://www.adobe.com/uk/creativecloud/photography/discover/lossy-vs-lossless.html>
Adobe.com. Premiere Pro Learn and Support. <https://helpx.adobe.com/premiere-pro/using/creating-playing-clips.html>
Analog.com Glossary of Electrical Engineering Terms. <https://www.analog.com/en/resources/glossary/>
Archives.gov. National Archives and Records Administration Preservation. <https://www.archives.gov/preservation/products/>
CaseGuard.com. What is Video Compression article. <https://caseguard.com/articles/what-is-video-compression/>
Devx.com. Technology Glossary. <https://www.devx.com/terms/>
Gumlet.com. Glossary. <https://www.gumlet.com/glossary/>
Izotope.com. <https://www.izotope.com/en/learn/>
Nordvpn.com. Cybersecurity Glossary. <https://nordvpn.com/cybersecurity/glossary/>
Organization of Scientific Area Committees for Forensic Science. Standard Guide for Forensic Digital Video Examination Workflow <https://www.nist.gov/system/files/documents/2024/01/02/OSAC%202022-S-0031%2C%20Standard%20Guide%20for%20Forensic%20Digital%20Video%20Examination%20Workflow%20Version%202.0.pdf>
PhotographyLife.com. Photography Techniques Archive: The Overlooked Technique of Image Averaging <https://photographylife.com/image-averaging-technique>
PrimeauForensics.com. The Importance of Establishing a Chain of Custody for Audio and Video Evidence. <https://www.primeauforensics.com/the-importance-of-establishing-a-chain-of-custody-for-audio-and-video-evidence/>
Resio.io Glossary of Terms. <https://resi.io/glossary/>
Safe and Sound Security. Blog CCTV Camera Installation Materials. <https://getsafeandsound.com/blog/cctv-camera-installation-materials-list/>
SWGDE.org. Scientific Working Group on Digital Evidence, Best Practices for Digital Audio Authentication. <https://www.swgde.org/wp-content/uploads/2023/11/2018-09-20-SWGDE-Best-Practices-for-Digital-Aud.pdf>
SWGDE.org. Scientific Working Group on Digital Evidence, Best Practices for Digital Forensic Video Analysis. <https://www.swgde.org/wp-content/uploads/2023/11/2018-11-20-SWGDE-Best-Practices-for-Digital-Forensic-Video-Analysis.pdf>
SWGDE.org. Scientific Working Group on Digital Evidence, Best Practices for Digital Video Authentication. <https://www.swgde.org/wp-content/uploads/2024/03/2024-03-07-SWGDE-Best-Practices-for-Digital-Video-Authentication-23-V-001-1.2.pdf>
SWGDE.org. Scientific Working Group on Digital Evidence, Best Practices for the Enhancement of Digital Audio https://www.swgde.org/wp-content/uploads/2023/11/2020-09-17-SWGDE-Best-Practices-for-Enhancement-of-Digital-Audio_v1.2.pdf
SWGDE.org. Scientific Working Group on Digital Evidence, Glossary. <https://www.swgde.org/glossary/>
ASTM.org. Standard Terminology for Digital and Multimedia Evidence Examination. <https://compass.astm.org/document/?contentCode=ASTM%7CE2916-19E01%7Cen-US&page=1>

This examination consists of 30 multiple choice questions; all are equally weighted.

II. QUALIFICATIONS APPRAISAL BOARD (QAB)

Weight = 80%
Pass = 70% or better

The QAB is an oral board exam. Unlike a job interview, the QAB is very structured with a select number of board members taking turns asking a set of structured questions. The same questions are asked of each candidate participating in the QAB for the open position. Clarifying questions are not permitted by the candidate or the panel members.