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Title: Forensic Standards, Regulations and Procedures
Status: Definitive
Code: **7112AMP** (129231)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Karl Jones	Y
Kevin Johnston	

Academic Level: FHEQ7 **Credit Value:** 10 **Total Delivered Hours:** 22
Total Learning Hours: 100 **Private Study:** 78

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	11
Tutorial	11

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	AS1	Portfolio of online tests	100	

Aims

The module complements the technical and practical competencies of the other modules on the programme by providing the student with knowledge and understanding of the rules, regulations, standards and responsibilities of practitioners in the delivery of Audio and Video evidence in support of investigations.

Learning Outcomes

After completing the module the student should be able to:

- 1 Understand the legal issues regulations and standards relating to the acquisition, handling, manipulation and presentation of media for investigation and judicial purposes, and the risks of noncompliance therein.
- 2 Evaluate the implications of issues relating to the manipulation and presentation of media
- 3 Identify issues and recommend appropriate actions to maintain robust chains of evidence in line with the rules and regulations that govern the processing and handling of multimedia evidence

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Portfolio of tests	1	2	3
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Outline Syllabus

Organisational structure and culture of law enforcement
Law enforcement and justice department procurement
Code of Conduct and Regulations
Forensic Science Regulator Guidelines for Audio and Video Forensics
Biometrics and Surveillance Camera Commissioner Guidelines for Surveillance Cameras
Scientific Method and Procedure
Standard operating procedures (SOPs)
Operating effectively within the Evidence chain
Admissibility, authentication, integrity of evidence, chain of custody, metadata
Maintaining the chain of evidence throughout investigation
Health and Safety standards
Outsourcing implications and risks
Cognitive Bias risks for Video and Audio Interpretation
Cognitive Bias risks for Video and Audio Interpretation
Total Quality management
ISO Standards such as ISO 17025, ISO 27037, ISO 27001, ISO/IEC 17021-1
Role of the various stakeholders and official bodies, such as (but not limited to):
Forensic Science Regulator, Biometrics and Surveillance Camera Commissioner,
The National Forensic Framework Next Generation, Scientific Working Group on Digital Evidence, Technical Working Group for the Examination of Digital Evidence, Law Enforcement & Emergency Services Video Association, Chartered Society of Forensic Sciences.

Learning Activities

Lectures, guest speaker, research-based tutorials.

Notes

Audio and Video Forensics relates to the acquisition, analysis, and evaluation of media materials that may ultimately be presented as admissible evidence in a court of law in civil cases or as part of an inquiry into an accident or other incident. Understanding the rules regulations and standards that govern every member of the evidence chain and being able to apply them appropriately is now a core requirement of all involved.