

Module Information

2022.01, Approved

Summary Information

Module Code	7112AMP
Formal Module Title	Forensic Standards, Regulations and Procedures
Owning School	Engineering
Career	Postgraduate Taught
Credits	10
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	11
Tutorial	11

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

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.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	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.
MLO2	2	Evaluate the implications of issues relating to the manipulation and presentation of media
MLO3	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

Module Content

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.
Module Overview	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.
Additional Information	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.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio of tests	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Karl Jones	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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