

Liverpool John Moores University

Title: ADVANCED FORENSIC COMPUTING
Status: Definitive
Code: **7004CCTV** (118647)
Version Start Date: 01-08-2011

Owning School/Faculty: Computing and Mathematical Sciences
Teaching School/Faculty: Computing and Mathematical Sciences

Team	Leader
Christopher Wren	Y

Academic Level: FHEQ7
Credit Value: 15.00
Total Delivered Hours: 36.00
Total Learning Hours: 150
Private Study: 114

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	12.000
Seminar	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Analysis/evaluation of current research directions in computer forensics 4,000 - 6,000 words).	100.0	

Aims

*To develop advanced theoretical and practical research skills in computer forensics.
To develop a critical appreciation of both the theoretical and practical issues in the field of digital forensics.
To provide critical evaluation of research methods in the development of new computer forensics methodologies, tools, techniques and applications.*

Learning Outcomes

Publisher	Addison-Wesley
ISBN	0-321-24069-3

Course Material	Book
Author	Mohay, G., Anderson, A., Collie, B., De Vel, O. & McKemmish, R.
Publishing Year	2003
Title	Computer and Intrusion Forensics
Subtitle	
Edition	
Publisher	Artech House
ISBN	

Course Material	Book
Author	Sammes, A.J. & Jenkinson, B.
Publishing Year	2007
Title	Forensic Computing
Subtitle	A Practitioner's Guide'
Edition	2nd Edition
Publisher	Springer
ISBN	1-846-28397-3

Course Material	Book
Author	Haggerty, J. & Merabti, M.
Publishing Year	
Title	Proceedings of EC2ND
Subtitle	
Edition	
Publisher	LJMU
ISBN	1-90256-015-9

Course Material	Journal / Article
Author	
Publishing Year	
Title	In addition, material will be used from journal and conference papers, such as Computer Fraud and Security, Digital Investigations Journal, :International Journal of Digital Evidence, IEEE Network, IEEE Security and Privacy, IEEE Internet Computing
Subtitle	
Edition	
Publisher	
ISBN	

Notes

This advanced module is intended for post-graduate students to discuss and analyse the current situation and future directions of the computer forensics field. It ideally would prepare a student for a career either as a practitioner in the computer forensics field or for further post-graduate study.