Liverpool John Moores University

Title:	INFORMATION SECURITY MANAGEMENT
Status:	Definitive
Code:	**6016COMP** (102992)
Version Start Date:	01-08-2011

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

Team	emplid	Leader
Henry Forsyth		Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	38.00
Total Learning Hours:	120	**Private Study:**	82		

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Individual report on issues linked with a range of aspects related to information security management.	60.0	
Exam	AS2	Examination	40.0	2.00

Aims

This course introduces students to technical and administrative aspects of Information Security and Assurance. Hence, it provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents; and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

Learning Outcomes

After completing the module the student should be able to:

1	Critically evaluate information systems security issues.
2	Evaluate and explore various emerging social and technical issues associated with information systems security.
3	Develop an understanding of the applications of current legislation and standards by critically reflecting on some of the real-world business global cases.
4	Propose an appropriate security plan for an information system.

Learning Outcomes of Assessments

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

Info security management	4		
Exam	1	2	3

Outline Syllabus

Overall Syllabus will be divided into three parts: Definitions and Concepts; Ethical and Legal Issues; and Case Studies

Introduction to Information Security
Components of Information Security
The requirement for Security
Legal Issues in Information Security
Ethical Issues in Information Security
Professional Issues in Information Security
Risk Management
Planning for Security
Technical Aspects of Information Security
Physical Security

Learning Activities

Learning activities will be facilitated through lectures, tutorials including: case-studies, demonstrations and group discussions.

References

Course Material	Book
Author	Whitman, M.E. and Mattord, H.J.

Publishing Year	2007
Title	Management of Information Security
Subtitle	
Edition	2nd Edition
Publisher	Thomson Course Technology
ISBN	1423901304

Course Material	Book
Author	Whitman, M.E. and Mattord, H.J.
Publishing Year	2008
Title	Principles of Information Security
Subtitle	
Edition	3rd Edition
Publisher	Thomson Course Technology
ISBN	1423901770

Notes

The module covers the technological and managerial aspects of the information systems security.