H8TM: Information Systems Management

Module Code:	H8TM
Long Title	Information Systems Management APPROVED
Title	Information Systems Management
Module Level:	LEVEL 8
EQF Level:	6
EHEA Level:	First Cycle
Credits:	5
Module Coordinator:	Lisa Murphy
Module Author:	Lisa Murphy
Departments:	
Specifications of the qualifications and experience required of staff	

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Understand the issues and challenges of IS/IT Management i.e. strategy, planning, resources , development and investment
LO2	Have an ability to measure IT investment and return on investments to justify expenditure to top-level management
LO3	Understand the key principles of control, asset protection and security
LO4	Have a detailed understanding of the strategic role of people, organisations, management systems and ITIL and Cobit frameworks
LO5	Have a detailed understanding of the role of the Chief Information/Technology Officer.

Dependencies
Module Recommendations
No recommendations listed
Co-requisite Modules
No Co-requisite modules listed
Entry requirements

H8TM: Information Systems Management

Module Content & Assessment

Indicative Content

Managing in the Information Age (10%)
• Managing Information Technology. • Internet Based Business Systems. • IT Management Challenges. • Managing mature IT Organisations.

Developing the Organization's IT Strategy (20%)
• The importance of strategy for senior executives. • Integrating the strategic vision. • Value chain reconstruction for E-Business Organisation and Environment. • Financial and legal considerations. • Types of strategies (Stand alone, integrating business and functional strategies). • Strategy Development. • Process E-Business and Knowledge management strategies. • Using and maintaining strategies.

IT Planning (20%)
• Planning Strategic. • Tactical and Operational Plans. • Planning models for IT Managers. • Using critical success factors in planning. • Management Feedback mechanisms.

Infrastructure Management (10%)
• Defining the Overall IT Architecture. • An Enterprise Architecture Framework. • Service-Oriented Architecture. • Challenges of Application Development. • Application Project Management. • Traditional life cycle approach. • Risk analysis and reduction techniques. • Outsourcing I.T. applications.

Measuring IT Investment and Returns (20%)
• Accounting for IT Resources. • Recovering costs from client organisations. • Accounting methodologies (Profit/Cost centre). • Funding application development and maintenance. • Cost recovery in Production Operations. • Managers expectations of accounting systems. • Measuring IT Investment Returns.

IT Controls, Asset Protection and Security (10%)
• Business Control Principles. • Control Responsibilities. • Application Controls. • Network controls and security. • Controls for E-Business Applications.

The Chief Information Officer's Role (10%)
• The role of the Chief Information Officer. • Facilitating organisational change. • Critical Success Factors for CIOs. • People, Organisations and Management Systems. • People as enabling resources. • Essential people management skills.

Assessment Breakdown	%
Coursework	30.00%
End of Module Assessment	70.00%

Assessments

Full Time

Coursework

Assessment Type:	CA 1 (0380)	% of total:	10
Assessment Date:	n/a	Outcome addressed:	1,4
Non-Marked:	No		

Assessment Description:
Create a poster based on a company and carry out a SWOT/Pestal model/Balanced Scorecard and so on.

Assessment Type:	CA 2 (0390)	% of total:	20
Assessment Date:	n/a	Outcome addressed:	1,4
Non-Marked:	No		

Assessment Description:
Create a report and write about contemporary Hardware and Software and carry out a security analysis on a company

End of Module Assessment

Assessment Type:	Terminal Exam	% of total:	70
Assessment Date:	End-of-Semester	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		

Assessment Description:
End-of-Semester Final Examination

No Workplace Assessment

Reassessment Requirement

Repeat examination
Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

H8TM: Information Systems Management

Module Workload

Module Target Workload Hours 0 Hours

Workload: Full Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	2	Every Week	2.00
Tutorial	No Description	1	Every Week	1.00
Independent Learning	No Description	7.5	Every Week	7.50
			Total Weekly Contact Hours	3.00

Workload: Part Time				
Workload Type	*Workload Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Lecture	No Description	2	Every Week	2.00
Independent Learning	No Description	89	Every Week	89.00
			Total Weekly Contact Hours	2.00

Module Resources

Recommended Book Resources

    Laudon, C.. (2013), Management Information Systems: managing the digital firm, 13th. Pearson, Harlow.

Supplementary Book Resources

    Laudon, C.. (2012), Essentials of Management Information Systems, 10th. Pearson, Harlow.

This module does not have any article/paper resources

Other Resources

    **[Website], McNurlin Companion Web Site. McNurlin Companion Web Site,
http://www.prenhall.com/mcnurlin/**

    **[Website], Institute for the Management of Information Systems. Institute for the Management of Information Systems,
http://www.imis.org.uk/**

    **[Website], Information Systems Management (ISM) Home Page. Information Systems Management (ISM) Home Page,
http://www.ism-journal.com/**

Discussion Note: