

H9STICT: Strategic ICT & eBusiness Implementation

Module Code:	H9STICT
Long Title	Strategic ICT & eBusiness Implementation APPROVED
Title	Strategic ICT & eBusiness Implementation
Module Level:	LEVEL 9
EQF Level:	7
EHEA Level:	Second Cycle
Credits:	5
Module Coordinator:	
Module Author:	COLETTE DARCY
Departments:	School of Business
Specifications of the qualifications and experience required of staff	
Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
#	Learning Outcome Description
LO1	Appraise the different roles Information and Communications Technology (ICT) plays as a macro environmental feature, and as part of the capabilities of the firm, in a business context
LO2	Determine the value that information and communications technology provide to the firm and the customer when organisational processes take place over a digital platform, and the implications for sustainable competitive advantage
LO3	Develop a reflective approach to analyse and evaluate organisational change situations related to the adoption of eBusiness practices
LO4	Assess the implications of adopting, and not adopting, eBusiness practices in their own professional setting, for their organisation and for the role they play in it
LO5	Critically analyse the architecture and environment in which E-Business operates
Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	

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Module Content & Assessment			
Indicative Content			
Technology and Organisational Transformation • How technology transforms business and business processes. • Technology providing value-based competitive advantage. • The value of information. • The power of analytics. • Technology relevance across the value chain			
Technology and Business Model change • Business process improvement through technology. • Role of technology in lean and agile manufacturing/services. • Role of technology in supply chain improvement. • Mass customisation made possible. • E-Business. CRM, ERP, Decision systems			
Globalisation and IT in International Business • Information needs and flows. • Information technology in the globally outsourced firm. • Managing information technology globally			
Making the IT investment • Developing an IT strategy. • Assessing current strategy. • Guidelines for IT investment. • Financial models (NPV etc). • Evaluating and choosing technology. • Evaluating on-premise, outsourced, cloud based options. • Total cost of ownership frameworks. • Scalability and future-proofing. • Buying application packages. Licensing models			
Implementation / Deployment • Developing implementation strategies. • The role and management of implementation teams. • Project planning and control. • Choosing external partners and managing the relationship. • Organisational change management. • Managing risk/costs. Structuring and managing the IT function on an on-going basis			
Assessment Breakdown			%
Coursework			100.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	Continuous Assessment (0200)	% of total:	100
Assessment Date:	n/a	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
Assessment Description: Learning objectives 1-5 are reached in two stages. First course content is reviewed, discussed and worked out in the form of a framework to solve a real-life business situation. Secondly, that formulation work is applied to the problem and a solution is presented, consolidating the learning.			
No End of Module Assessment			
No Workplace Assessment			
Reassessment Requirement			
Coursework Only			
<i>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</i>			

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Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Full Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	Delivered in block format	30	Per 15 week block	2.00
Independent Learning	No Description	95	Per 15 week block	6.33
Total Weekly Contact Hours				2.00
Workload: Part Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	Delivered in block format	30	Per 15 week block	2.00
Independent Learning	No Description	95	Per 15 week block	6.33
Total Weekly Contact Hours				2.00

Module Resources

Recommended Book Resources

Turban, E. & King, D.. (2012), Electronic Commerce (Global Edition), 7th. Pearson Education.

Lucas, H.. (2010), The Management of Information Technology: Strategic Decision Making for Managers, John Wiley & Sons.

Laudon, K. & Laudon, J. (2015), Management Information Systems: Managing the Digital Firm, 14th Ed. Pearson Education.

Chaffey, D. (2015), Digital Business and e-Commerce Management, 6th Ed. Pearson Education.

This module does not have any article/paper resources

This module does not have any other resources

Discussion Note: