

Module Documentation



COMP08038

Integrated Enterprise Systems

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COMP08038 Integrated Enterprise Systems

Short Title	Integrated Enterprise Systems		
Full Title	Integrated Enterprise Systems		
Attendance	N/A	Discipline	481 COMPUTER SCIENCE
Coordinator	Fearghal McHugh	Department	Business
Official Code	COMP08038	NFQ Level	08
		ECTS Credit	05

Module Description

This module will give students insight into how integrating and integrated enterprise systems transforms an organisation in terms of creating agility in its process and people to compete in dynamic environments. The student will identify the process changes, organisational change and risks involved internally in order to create the relationships required with vendors suppliers and customers in the market.

Learning Outcomes

On completion of this module the learner will/should be able to

1. Describe the component and the characteristics of Integrated enterprise systems
2. Appraise the changes to an organisation employing enterprise systems
3. Construct a business case for enterprise systems to solve relevant business issues
4. Develop knowledge of business process design and appraise the impact of enterprise systems on data management.
5. Demonstrate the application of relevant enterprise software systems to business problems/processes

Teaching and Learning Strategies

Lectures, Lab application

Assessment Strategies

Continous Assessment and Final Exam

Repeat Assessment Procedures

Final Exam (and project if required)

Module Dependencies

Prerequisite Modules

None

Corequisite Modules

None

Incompatible Modules

None

Indicative Syllabus**1. Enterprise IT 20%**

Identify elements of contemporary ES. Examine integration as a ES key success factor. Consider the issues and risk in implementing ES.

2. Organisation to Enterprise 20%

Evaluate the changes that occur and the transformation effects on an organisation in applying ES in areas of culture structure, knowledge and market position.

3. Business Case for Systems & Vendor Selection 20%

Apply business case structure to solve a business problem using ES incorporating elements of: Vendor selection, Requests for Proposals, Systems Selection Criteria, TCO, Cost Benefit Analysis, Outsourcing.

4. Business Process & Enterprise Data Usage Concerns 10%

Use BPR Methods in analysis and design of business processes for ES. Identify the concerns of systems managers using ES incorporating areas of IT Governance, Data Protection, Security and Legal

5.ES systems, application and use 30%

Use appropriate enterprise systems software e.g. SAP/Oracle/ERP/SCM/CRM. To develop skills and knowledge in using the software in business processes and in the context of solving process issues.

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment 40 %

End of Semester / Year Formal Examination 60 %

Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Class Assessment Continuous Assessment	1,2,3,4,5	40	OnGoing

End Exam Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Final Exam Final Exam	1,2,3,4,5	60	End of Term

ACCS Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Open Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Distance Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Part Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Full Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Lecture	Lecture Theatre	Lecture	2	Weekly	2.00
Other	Laboratory	Laboratory	1	Weekly	1.00

Total Average Weekly Learner Workload 2.00 Hours

Online Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Module Resources

Module Book Resources

Sumner, Mary. (2014). Enterprise Resource Planning, Pearson New International Edition, Pearson Education Ltd. 1-292-03980-9,

SAP training materials and software

Pearlson, K., Saunders., Strategic Management of Information Systems, SBN: 978-1-118-32254-3 , November 2012

Sabherwal, B., Business Intelligence, ISBN : 978-0-470-46170-9, March 2010, ©2011, Wiley

Laudon & Laudon (2008) Essentials of Management Information Systems, 8th Edition Prentice Hall

Module Alternate Book Resources

None

Module Other Resources

None

Module URLs

None

Additional Information

None

Approval Information

School Approval by Carmel Brennan on 02-04-2015

Academic Council on 02-04-2015

Programme Membership

Code	Intake Year	Programme Title
GA_BBISG_H08	201500	Bachelor of Science (Honours) in Business Information Systems
GA_BBUAG_H08	201500	Bachelor of Business (Honours)
GA_BBENG_H08	201500	Bachelor of Business (Honours) with Entrepreneurship
GA_BWITH_H08	201500	Bachelor of Business (Honours) with a European Language
GA_BRURA_H08	201500	Bachelor of Business (Honours) in Rural Enterprise and Agri-business
GA_BMASG_H08	201500	Bachelor of Business (Honours) in Marketing and Sales
GA_BHUMA_H08	201500	Bachelor of Business (Honours) in Human Resources
GA_BRUAG_H08	201500	Bachelor of Business (Honours) in Rural Enterprise and Agri-Business