ZSYS H3203: Information Systems

Module Title:	Information Systems
Language of Instruction:	English

Credits:	10

NFQ Level:	7

Module Delivered In	No Programmes

Teaching & Learning Strategies:	Traditional theory classes incorporating class interaction. Workshop style classes for developing ER Diagrams, normalisation, process modelling etc Use of case studies where relevant (here we explore the existence of key theoretical concepts within case study material)

Module Aim:	To provide the student with an insight into the design, development and utilisation of information systems in the modern organisation.

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Understand the different categories of information system that can be deployed in a modern enterprise
LO2	Have a detailed understanding of the different approaches to information systems development
LO3	Have a detailed understanding of the different system acquisition approaches and their impact on business strategy realisation
LO4	Be familiar with emerging concepts in the information systems discipline

Pre-requisite learning
Module Recommendations *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*
No recommendations listed
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*
No incompatible modules listed
Co-requisite Modules
No Co-requisite modules listed
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*
2nd year Database & Visual Programming or equivalent.

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Module Content & Assessment

Indicative Content
Categories of Information Systems MIS; DSS; EIS,OIS ES. Role of IS Department. Strategic Information Systems, ERP.
Approaches to Information Systems Development Systems Development Life Cycle approaches e.g. SDLC, Rapid Application Development(RAD), Joint Application Development (JAD), Agile Development - SCRUM, XP, Pair Programming
Emerging IS Topics Current areas of interest and any others that become relevant within the information systems discipline e.g. frameworks, case studies approaches to systems development, outsourcing, acquisition etc.

Assessment Breakdown	%
Continuous Assessment	30.00%
End of Module Formal Examination	70.00%

Continuous Assessment

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Examination	Test 1 This will assess a detailed understanding of the various categories of information system.	1,4	15.00	n/a
Examination	Test 2 This will assess the student's ability to identify and discern between the different approaches to systems development.	2,3,4	15.00	n/a

No Project

No Practical

End of Module Formal Examination

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Formal Exam	No Description	1,2,3,4	70.00	End-of-Semester

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

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Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Lecture	20 Weeks per Stage	4.00
Estimated Learner Hours	20 Weeks per Stage	5.00
	Total Hours	180.00