

Module Title:	Information Systems
Language of Instruction:	English
Credits:	5
NFQ Level:	7
Module Delivered In	2 programme(s)
Teaching & Learning Strategies:	Traditional theory and lab-based classes incorporating class interaction. Use of case studies where relevant (here we explore the existence of key theoretical concepts within case study material). Strong emphasis on synthesis of inter-related topics/concepts - signposting and blended example generation.
Module Aim:	To provide the student with an insight into the acquisition and utilisation of information systems in the modern organisation.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Categorise the different types of information system that can be deployed in a modern enterprise
LO2	Appraise the different approaches to information systems development
LO3	Assess the different system acquisition approaches and their impact on business strategy realisation
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
2nd year Database & Visual Programming or equivalent.	

Module Content & Assessment

Indicative Content

Categories of Information Systems

BFIS; MIS; DSS; EIS, OIS ES. Role of IS Department. Strategic Information Systems, BPR 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

40.00%

End of Module Formal Examination

60.00%

Continuous Assessment

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Examination	Test 1 This will assess a comprehensive understanding of the various categories of information system.	1	20.00	Week 7
Examination	Test 2 This will assess the student's ability to evaluate and discern between the different approaches to systems development/acquisition.	2,3	20.00	Week 11

No Project

No Practical

End of Module Formal Examination

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Formal Exam	No Description	1,2,3	60.00	End-of-Semester

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

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	3.00
Laboratory	12 Weeks per Stage	1.00
Estimated Learner Hours	15 Weeks per Stage	5.13
Total Hours		125.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_KCCIT_B	Bachelor of Science (Honours) in Information Technology Management	5	Mandatory
CW_KCCSY_D	Bachelor of Science in Information Technology Management	5	Mandatory