Module Title:	Business Information Systems 1
Language of Instruction:	English

Credits:	5

NFQ Level:	7

Module Delivered In	No Programmes

Teaching & Learning Strategies:	Lectures - communication of knowledge and ideas from lecturer to student. Lab sessions - communication of knowledge by demonstration from the lecturer to the student. Problem Solving Exercises - student will work both individually and as part of a team to resolve various computer applications tasks/ scenarios. E-Learning - the module will be supported with online learning materials. Self-Directed Independent Learning - the emphasis on independent learning will develop strong and autonomous work and learning practices.

Module Aim:	The aim of this module is to develop in the student an understanding of the important role that Information Systems play in business and to understand the contribution that informed users contribute to helping organisations achieve the maximum benefits and to learn the skills to interact and manage a database.

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Evaluate the use of Information Systems in organisations and their contribution to competitiveness
LO2	Understand the role of the many types of Information Systems encountered in the workplace
LO3	Evaluate the processes and issues involved in systems acquisition for organisations
LO4	Understand the implications of the new technologies emerging such as Big Data, Cloud computing, Artificial Intelligence, the Internet of Things, Conversational commerce
LO5	Create and manage a database

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.*
IT for business 1; IT for business 2

Module Content & Assessment

Indicative Content
Information Systems: Concepts and definitions Computer-based Information Systems
Organisational Strategy and competitive advantage Understand the critical role that Information Systems in responding to business pressures and how they assist with competitive advantage if used properly
Information Systems within the organisation Evaluating the many types of Information Systems used in organisations; Transaction Processing Systems; Functional Area Information Systems; Enterprise Resource Planning; Supply Chain; Customer Relationship Management; Business Analytics; ECommerce
Acquiring Information Systems Competitive organisations move as quickly as they can to acquire new information technologies or modify existing ones. An understanding will be developed of the problems and pitfalls can arise from the acquisition process
Emerging technologies Big Data; Cloud computing; Artificial Intelligence; Internet of Things; Conversational Commerce
MS Access Design, create and modify tables, queries, forms and reports; Update queries; Parameter queries; Make-table queries; calculated fields; modifying forms; modifying reports; Case Studies

Assessment Breakdown	%
Continuous Assessment	25.00%
Practical	25.00%
End of Module Formal Examination	50.00%

Continuous Assessment				
Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Project	Group project and presentation	1,2,3,4	25.00	Week 10
Practical/Skills Evaluation	Examination of the ability to apply the skills learned in the database application.	5	25.00	Week 14

No Project

No Practical

No End of Module Formal Examination

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

Module Workload

Workload: Full Time

Workload Type	Frequency	Average Weekly Learner Workload
Lecture	Every Week	2.00
Laboratory	Every Week	1.00
Independent Learning Time	Every Week	6.00
	Total Hours	9.00

Workload: Part Time

Workload Type	Frequency	Average Weekly Learner Workload
Lecture	Every Week	1.50
Independent Learning Time	Every Week	7.50
	Total Hours	9.00