

Module Documentation



COMP06042

Business Information Systems

Contents of this document are copyright of Galway Mayo Institute of Technology



COMP06042

Business Information Systems

Short Title	Business Information Systems		
Full Title	Business Information Systems		
Attendance	N/A	Discipline	481 COMPUTER SCIENCE
Coordinator	Phelim Murnion	Department	Business
Co Author(s)	Phelim Murnion		
Official Code	COMP06042	NFQ Level	06
		ECTS Credit	05

Module Description

This module provides a foundation for the business information systems programme. Students are introduced to the main themes of business information systems including specifying and acquiring IT, using information systems in a business, managing and analysing business data, and collaboration tools and cloud technologies.

Learning Outcomes

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

1. Analyse current information and communications technologies (ICTs) and apply them to business problems.
2. Classify security risks to personal and business information and devise appropriate controls systems.
3. Manage and analyse business data
4. Collaborate using internet technologies and cloud systems

Teaching and Learning Strategies

Lectures and discussion in lecture rooms and applied work in practical laboratories

Assessment Strategies

A combination of applied continuous work on projects plus a terminal written examination

Repeat Assessment Procedures

Two hour written examination

Assessment Facilities

Computer laboratories

Module Dependencies

Prerequisite Modules

Computing & Information Systems 1 Information Systems 1 Or equivalent modules

Corequisite Modules

None

Incompatible Modules

None

Indicative Syllabus

Information Systems: - 25%

* Types of Information Systems (IS)

* Specification and acquisition of IS

Networking and Internet - 30%

* Computer Networks

* Cloud technologies and Collaborative systems

Security - 20%

* Hardware Loss, Damage and System Failure

* Software Piracy and Digital Counterfeiting

Analysing data with desktop tools- 25%

* Database data analysis (QBE queries, SQL)

* Data analysis with spreadsheet tools (Lists, Filters, Pivot tables)

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment 30 %

End of Semester / Year Formal Examination 70 %

Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Class Assessment	3,4	30	OnGoing

End Exam Assessment Breakdown

Description	Outcome Assessed	% of Total
-------------	------------------	------------

					Assessment Week
Final Exam		1,2,3	70		End of Term

ACCS Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
------	----------	-------------	-------	-----------	----------------

Total Average Weekly Learner Workload 0.00 Hours

Open Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
------	----------	-------------	-------	-----------	----------------

Total Average Weekly Learner Workload 0.00 Hours

Distance Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
------	----------	-------------	-------	-----------	----------------

Total Average Weekly Learner Workload 0.00 Hours

Part Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
------	----------	-------------	-------	-----------	----------------

Total Average Weekly Learner Workload 0.00 Hours

Full Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Lecture	Lecture Theatre	Lecture	3	Weekly	3.00
Laboratory Practical	Computer Laboratory	Laboratory	1	Weekly	1.00

Total Average Weekly Learner Workload 4.00 Hours

Online Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
------	----------	-------------	-------	-----------	----------------

Total Average Weekly Learner Workload 0.00 Hours

Module Resources

Module Book Resources

Morley D., 2011, Understanding Computers: Today and Tomorrow, 13th/International edition, Comprehensive Thomson Course, Technology.

Module Alternate Book Resources

None

Module Other Resources

None

Module URLs

<http://www.techcentral.ie/category/pro/>

Additional Information

None

ISBN BookList

Book Details

Paul Beynon-Davies 2009 *Business Information Systems* Palgrave Macmillan
ISBN-10 023020368X ISBN-13 9780230203686

Wayne Winston 2011 *Microsoft Excel 2010: Data Analysis and Business Modeling (Business Skills)* Microsoft Press
ISBN-10 0735643369 ISBN-13 9780735643369

Roger Jennings 2011 *Microsoft Access 2010 In Depth* Que Publishing
ISBN-10 0789743078 ISBN-13 9780789743077

Approval Information

School Approval by Carmel Brennan on 01-04-2015

Academic Council on 01-04-2015

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_BBUSG_B07	201500	Bachelor of Business
GA_BBUSI_C06	201500	Higher Certificate in Business
GA_BMASG_B07	201500	Bachelor of Business in Marketing and Sales
GA_BFING_H08	201500	Bachelor of Business (Honours) in Finance and Economics

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_BBENG_B07	201500	Bachelor of Business with Entrepreneurship
GA_BFING_B07	201500	Bachelor of Business in Finance
GA_BMASG_H08	201500	Bachelor of Business (Honours) in Marketing and Sales
GA_BRURA_B07	201500	Bachelor of Business in Rural Enterprise and Agri-business
GA_BRURA_C06	201500	Higher Certificate in Business in Rural Enterprise and Agri-business
GA_BHUMA_B07	201500	Bachelor of Business in Human Resources
GA_BWITH_B07	201500	Bachelor of Business with a European Language
GA_BHUMA_H08	201500	Bachelor of Business (Honours) in Human Resources
GA_BBISG_B07	201500	Bachelor of Science in Business Information Systems
GA_BADIG_B07	201500	Bachelor of Business in Administration and Information Systems
GA_BPHAS_B07	201500	Bachelor of Business Phasing out (2, 3)
GA_BRUAG_H08	201500	Bachelor of Business (Honours) in Rural Enterprise and Agri-Business
GA_BRUAG_B07	201500	Bachelor of Business in Rural Enterprise and Agri-Business
GA_BAGRI_C06	201500	Higher Certificate in Business in Agriculture