

Module Documentation



TECH06045

Introduction to Information Systems

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TECH06045

Introduction to Information Systems

Short Title Intro. to Information Systems

Full Title Introduction to Information Systems

Attendance N/A Discipline TECHNOLOGY

Coordinator Phelim Murnion Department Business

Official Code TECH06045 NFQ Level 06 ECTS Credit 05

Module Description

This course provides a broad introduction to information systems, seen within organisational and societal contexts. The aim is to provide students with an appropriate balance of technical and organisational perspectives to serve as a basis for further study in the field.

Learning Outcomes

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

1. Use collaborative tools in a networked environment
2. Demonstrate an introductory knowledge of the role of Information Systems in a modern business context
3. Describe and examine problems in maintaining data security and data protection
4. Demonstrate knowledge and appreciation of current developments in computing and IT
5. Organise and query data in a single-user database
6. Understand and apply basic programming techniques

Teaching and Learning Strategies

This module will be delivered in a combination of computer laboratories and classrooms.

Assessment Strategies

70% Final Exam

30% Continuous Assessment

Repeat Assessment Procedures

2 Hour Repeat Exam

Assessment Facilities

Computer Labs

Module Dependencies

Prerequisite Modules

None

Corequisite Modules

None

Incompatible Modules

None

Indicative Syllabus

1. The impact of IT on the social, business and working environment (15%)
2. Collaborative computing using cloud technology (25%)
 - 2.1. Managing files with cloud tools
 - 2.3. Collaborative work and the cloud technologies
3. Database management and Programming (30%)
 - 3.1. Create and query a single-user database
 - 3.2. Introduction to programming
4. Data Security and Data Integrity (15%)
 - 4.1. Security issues
 - 4.2. Data Privacy
 - 4.3. Biometrics
5. New developments in computing and information systems (15%)
 - 5.1. New technology developments
 - 5.2. Case studies in business technology

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment	30 %
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End of Semester / Year Formal Examination	70 %
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Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Individual Project	1,4,5,6	30	Week 8

End Exam Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Written Exam	2,3,4	70	Week 13

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	Theory Discussion	2	Weekly	2.00
Laboratory Practical	Computer Laboratory	Applied work	2	Weekly	2.00

Total Average Weekly Learner Workload 4.00 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

New perspectives on Microsoft Office Access 2010: brief, Adamski, Joseph J and Finnegan, Kathleen T, Course Technology/Cengage (2011)

Module Alternate Book Resources

None

Module Other Resources

None

Module URLs

- <http://www.comeausoftware.com/downloads/MAB.pdf>
- <http://learn.googleapps.com/>
- <http://www.techcentral.ie/>

Additional Information

None

ISBN BookList

Book Details

Deborah Morley 2006 *Understanding Computers: Today and Tomorrow, 11th Edition, Comprehensive Course Technology*

ISBN-10 1418860557 ISBN-13 9781418860554

Gary B. Shelly 2010 *Microsoft Office 2010: Introductory (Shelly Cashman Series(r) Office 2010)* Cengage Learning

ISBN-10 1439078386 ISBN-13 9781439078389

Approval Information

School Approval by Deirdre Lusby on 27-11-2014

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_BBISG_B07	201500	Bachelor of Science in Business Information Systems
GA_BBISG_H08	201500	Bachelor of Science (Honours) in Business Information Systems
GA_BBISG_B07	201500	Bachelor of Science in Business Information Systems