Course Code:	1410ICT
Course Name:	Introduction to Information Systems
Semester:	Semester 1, 2016
Program:	Diploma of Information Technology
Credit Points:	10
Course Coordinator:	Dr Sue Nielsen
Document modified:	11 Dec 2015 12:34:46

Teaching Team

Your lecturer/tutor can be contacted via the email system on the portal.	
Name	**Email**
Dr Sue Nielsen	sue.nielsen@staff.griffithcollege.edu.au

Staff Consultation

Your lecturer/tutor is available each week for consultation outside of normal class times. Times that your lecturer/tutor will be available for consultation will be given in the first week of lectures. A list of times and rooms will be published on the Griffith College Portal under the "myTimetable" link.

Prerequisites

Please note: this course 1410ICT is a prerequisite for courses:

1420ICT, 2001ICT, 2509ICT, 2511ICT, 2512ICT, 3400ICT and 3418ICT.

This means that you need to achieve a Pass or above to progress to any of the courses listed.

Brief Course Description

Introduction to Information Systems is a 10 credit point course within the Diploma of Information Technology. The course is situated within the first semester of the program. The Diploma of Information Technology is designed to provide students with a pathway to further university study in Information Technology and related degrees; or employment opportunities within the IT industry.

The course content and teaching methods are designed to further enhance the development of important generic skills. Problem-solving and the analysis and critical-evaluation of available information are essential for the successful completion of the assessment items in this course.

Rationale

This course provides an introduction to Information Systems by developing an understanding of the application of information, information systems, and information and communication technology in organisations. It is designed for IT students in preparation for a career as a systems analyst and systems designer working in an organisation; or Business Information Systems students working in the realm of Web 2.0, exploiting new media and social networking. The course aims to provide students with a balanced understanding of Information Systems and their business environments. It gives students a broad introduction to Information Systems by introducing them to key ideas of IS research and practice and exposing them to the main areas that define this terrain, namely IS development, implementation and use. A better understanding and appreciation of the Information Systems in context is achieved by looking at different types and uses of IS in a variety of rich contexts followed on by an introduction to common IS management challenges and evaluating IS efforts.

Aims

The central theme of the course is that a successful information system must be aligned with the organisational context in which it exists.

The central question of the course is "How can we ensure that information system are managed appropriately to ensure that the resulting system is aligned with the organisation's context and needs?"

The course content and teaching methods are designed to further enhance the development of important generic skills. Problem-solving and the analysis and critical-evaluation of available information are essential for the successful completion of the assessment items in this course.

Learning Outcomes

At the conclusion of this course students will appreciate that managing and understanding the use of Information Technology in context is central to Information Systems. Students will also understand the need to manage Information Systems as a combination of social and technical issues, within their broader organisational and social context.

Upon successful completion of this course students will be able to:
1. Identify the components of information systems (IS).
2. Explain the role of IS within organisations.
3. Glean a number of plausible explanations as to why the organisational impacts of IT projects are often undesirable.
4. Analyse the effect and impact of IS on organisations and the factors which could contribute to the success or failure of an IS.
5. Describe the practice of Information Systems as a socio-technical discipline, and as a profession in its own right.
6. Explain the role of IT Governance frameworks and how they contribute to effective IT service management.
7. Analyse a business case involving an IS in context.

Texts and Supporting Materials

Required Text: Beynon-Davies, P. (2009) Business Information Systems, Palgrave.

Organisation and Teaching Strategies

The course utilises a Mode A – Web Supplemented approach. Students will use the course web site available through the Griffith College portal to interact with the education and guidance content necessary to support structured learning outcomes. All material required to support the course (such as lecture notes, tutorial exercises, additional readings) will be made available on the course web site. Significant emphasis is placed on encouraging students to take responsibility for, and develop \\ of, their learning activities and outcomes.

The contact for this course is 52 hours (13/2 hours lectures and 13/2 hours tutorial/workshops) Course delivery will be as follows:
Lectures: – delivery of material from the text and other sources, necessary to the achievement of the course learning outcomes.
Tutorials: - group sessions to consolidate and reinforce the lecture material through discussion and activities.

The lectures are the principal forum for delivery of the course content. During tutorial sessions students are provided with the opportunity to put into practice the theories and concepts covered in the lectures and readings by taking part in discussion and exercises.

Tutorial/Workshop attendance and participation is a requirement. Students must attend a minimum of 80% of the Tutorial/Workshops and actively participate in the proceedings. Students will be required to sign an attendance sheet at each Tutorial/Workshop.

Class Contact Summary

Attendance

Your attendance in class will be marked twice during a four hour class. To receive full attendance, you must be present in the classroom on both occasions. Therefore, you are encouraged to attend and participate in all classes throughout the semester.

Participation in Class

You are expected to actively participate in classes each week.

Consultant Times

Attendance during consultation times is optional but you are encouraged to use this extra help to improve your learning outcomes.

Course Materials

It is expected that you will read lecture notes before attending lectures to promote active learning. You are encouraged to ask questions and actively participate in lecture and tutorial discussions.

Lecture notes will be made available to you on the myGriffith College website and you are advised to print these out and bring them to each class so that extra notes can be added.

Independent Learning

It is expected that you will spend 4 to 6 hours per week of independent study that would include summarising lecture notes, readings, assignments and completing tutorial activities not finished during the tutorial time.

Program Progression

You are reminded that satisfactory Program Progression requires that attendance in classes is maintained at equal to or greater than 80%, and that GPA is maintained at equal to or greater than 3.5 [please see Griffith College Policy Library - Program Progression Policy - for more information].

Content Schedule

The content for this course has been organised into 3 modules, taught over 13 weeks as summarised in the table below. Each module has a number of topics designed to enable you to progressively explore the concepts and techniques being introduced.

Weekly Teaching Schedule

Week	Topic	Activity	Readings
1	The domain of Business Information Systems	Lecture	Textbook Chapter 1
	Introduction to course	Tutorial	Course Outline
2	Organisations and systems	Lecture	Textbook Chapter 2
	Tutorial exercise	Tutorial	
3	Data, information and knowledge	Lecture	Textbook Chapter 3
	Tutorial exercise	Tutorial	
4	Information systems	Lecture	Textbook Chapter 4
	Tutorial exercise	Tutorial	
5	The Business environment	Lecture	Textbook Chapter 7
	Tutorial exercise	Tutorial	
6	Electronic business and Electronic commerce	Lecture	Textbook Chapter 8
	Tutorial exercise	Tutorial	
7	Assessing the use and impact of information systems	Lecture	Textbook Chapter 9
	Tutorial exercise	Tutorial	
8	Planning, strategy and management & IT Governance	Lecture	Textbook Chapter 10
	Tutorial exercise	Tutorial	
9	Services, projects and operations	Lecture	Textbook Chapter 11
	Tutorial exercise	Lecture	
10	Development	Lecture	Textbook Chapter 12
	Tutorial exercise	Tutorial	
11	Successful informatics practice	Lecture	Textbook Chapter 13
	Tutorial exercise	Tutorial	
12	Course review	Lecture	
	Tutorial exercise	Tutorial	
13	Exam preparation	Lecture	
	Tutorial exercise	Tutorial	

Assessment

This section sets out the assessment requirements for this course.

Summary of Assessment

Item	Assessment Task	Weighting	Relevant Learning Outcomes	Due Date
1	Reflective Journal 1	10%	1,2	6
2	Reflective Journal 2	10%	1,2,3,4	12
3	Group Assignment	30%	1,2,3,4,5,6	10
4	Final Examination	50%	1,2,3,4,5,6	14

Assessment Details

At the start of the semester you will be issued with a detailed "Assessment Pack", via the Griffith College website, which will give you a full description of all assessment requirements, the outcome objectives and the criterion-based marking scheme that will be applied.

Assessment for this course will consist of a Learning Journal (in 2 submissions), a practical assignment and a Final Examination.

These assessment items have been designed as a progressive learning mechanism whereby you will gradually demonstrate and achieve the aims and outcomes of the course. The assessment items will challenge and help you to develop your analytical thinking, critical evaluation skills, and reflection capacities, and encourage you to adopt a deep
learning approach to your study.

Learning Journal 20 % - two 10 % submissions - week 6 and week 12
This assessment item requires you to make concise notes about the outcomes of your learning activities for each module of the course in a Learning Journal (housed online in the learning@Griffith College 1410ICT Course site), which is submitted on two occasions (week 6 and week 12) in the semester. The notes within your Learning Journal should be a condensed summary of the knowledge and skills gained from your study of the module material and its application. You are expected to reflect on how the concepts and theories introduced in the modules are applied in the integrated
\\
on\\\
activities and the results achieved. The learning outcomes from your application of the concepts taught in lectures to practical problems presented during tutorial sessions should then be included in your learning journal. As you progress through the semester your journal should not be focused on a given module in isolation but should increasingly demonstrate your ability to organise and understand the material as a coherent whole.

The Learning Journal is designed to encourage you to reflect on your understanding and application of concepts and theories, and to evaluate the outcomes achieved when applied to the practical activities in a module. An objective of the Journal is to motivate you to be involved in the course at more than a superficial level, to reflect on how you learn, and to take an active role in developing
\\\
of your learning outcomes. This assessment item will also provide you with the opportunity to seek answers to problems similar to those, and in the same format, to which you will be exposed in the final examination.

Further information about the specified activities which must be included in your journal will be provided in your
"Assessment Pack".

Assignment 30%
The Assignment is 2-person group assignment based on a real-life case of Information Systems in a business environment. Students will be required to produce a report analysing this business case. The assignment task will require them to work collaboratively in a small group to discuss the advantages and disadvantages of introducing a new technology to an organisation, from the viewpoint of various stakeholders.

The assignment will provide an evaluation of the
student\\
practical understanding and application of the concepts and theories covered in the course. The intention of the project is to provide a bridge between the study of the material covered in the course and its application in practice. The coursework is also designed to introduce the students to some of the finer points and skills required for understanding Information Systems use in business.

Final Examination 50% 2 hours duration
Undertaken during the end-of-semester exam period. The exam is OPEN-BOOK with restrictions. Students will be allowed to take ONLY the text by Beynon-Davies (2009) into the final examination.

The Final Examination will be of two hours duration with a weighting of 50%.

The Final Examination will assess each
student\\

overall understanding of the course material in a controlled environment. The exam will cover, in an applied manner, a range of theoretical concepts and practical applications explored during the course.

Submission and Return of Assessment Items

Normally you will be able to collect your assignments in class within fourteen [14] days of the due date for submission of the assignment.

Retention of Originals

You must be able to produce a copy of all work submitted if so requested. Copies should be retained until after the release of final results for the course.

Extensions

To apply for an extension of time for an assignment, you must submit an Application for Extension of Assignment form to your teacher at least 24 hours before the date the assignment is due. Grounds for extensions are usually: serious illness, accident, disability, bereavement or other compassionate circumstances and must be able to be substantiated with relevant documentation [e.g. Griffith College Medical Certificate]. Please refer to the Griffith College website - Policy Library - for guidelines regarding extensions and deferred assessment.

Assessment Feedback

Marks awarded for assessment items will also be available on the on-line grades system on the Student Website within fourteen [14] days of the due date.

Generic Skills

Griffith College aims to develop graduates who have an open and critical approach to learning and a capacity for lifelong learning. Through engagement in their studies, students are provided with opportunities to begin the development of these and other generic skills.

Studies in this course will give you opportunities to begin to develop the following skills:

Generic Skills	Taught	Practised	Assessed
Written Communication		Yes	Yes
Oral Communication		Yes	
Information Literacy	Yes	Yes	Yes
Secondary Research			
Critical and Innovative Thinking	Yes	Yes	Yes
Academic Integrity		Yes	Yes
Self Directed Learning		Yes	Yes
Team Work		Yes	Yes
Cultural Intelligence		Yes	
English Language Proficiency		Yes	Yes

Additional Course Generic Skills

Specific Skills	Taught	Practised	Assessed
Creativity	Yes	Yes	Yes
Responsible Effective Citizenship		Yes	Yes

Additional Course Information

The teaching team uses your gmail email via the Griffith College Portal as the principal means of advising you of administrative matters. You are expected to regularly check the Griffith College Portal for updates.

Teacher and Course Evaluations
Students commented that the use of examples in class was particularly helpful. They enjoy engaging in discussions of various applications of information systems in
\\\
real
world\\\
In response to students' constructive feedback, lecture slides have now been redesigned to have less content.

Your feedback is respected and valued by your lecturers and tutors. You are encouraged to provide your thoughts on the course and teaching, both positive and critical, directly to your lecturer and tutor or by completing course and lecturer evaluations via Griffith College's online evaluation tool whenever these are available.

Academic Integrity

Griffith College is committed to maintaining high academic standards to protect the value of its qualifications. Academic integrity means acting with the values of honesty, trust, fairness, respect and responsibility in learning, teaching and research. It is important for students, teachers, researchers and all staff to act in an honest way, be responsible for their actions, and show fairness in every part of their work. Academic integrity is important for an individual's and the College's reputation.

All staff and students of the College are responsible for academic integrity. As a student, you are expected to conduct your studies honestly, ethically and in accordance with accepted standards of academic conduct. Any form of academic conduct that is contrary to these standards is considered a breach of academic integrity and is unacceptable.

Some students deliberately breach academic integrity standards with intent to deceive. This conscious, pre-meditated form of cheating is considered to be one of the most serious forms of fraudulent academic behaviour, for which the College has zero tolerance and for which penalties, including exclusion from the College, will be applied.

However, Griffith College also recognises many students breach academic integrity standards without intent to deceive. In these cases, students may be required to undertake additional educational activities to remediate their behaviour and may also be provided appropriate advice by academic staff.

As you undertake your studies at Griffith College, your lecturers, tutors and academic advisors will provide you with guidance to understand and maintain academic integrity; however, it is also your responsibility to seek out guidance if and when you are unsure about appropriate academic conduct.

Please ensure that you are familiar with the **Griffith College Academic Integrity Policy**; this policy provides an overview of some of the behaviours that are considered breaches of academic integrity, as well as the penalties and processes involved when a breach is identified.

For further information please refer to the Academic Integrity Policy on the Griffith College website – Policy Library.

Risk Assessment Statement

There are no out of the ordinary risks associated with this course.

Copyright © - Griffith College

Note: For all Diploma level programs, Griffith College acknowledges content derived from Griffith University.