ACCG355

Information Systems for Management

S2 Day 2014

Dept of Accounting & Corporate Governance

Contents

General Information

Unit convenor and teaching staff
Unit Convenor
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Credit points
3

Prerequisites
39cp including (ACCG250(P) or ACCG251(P) or ISYS104)

Corequisites

Co-badged status

Unit description

The primary objective of this unit is to increase students' ability to recognise, describe, evaluate, analyse, design and develop information systems from a business professional's viewpoint. The focus is on the creation of business value by enabling business processes through the use of information and communications technologies (ICTs). Achievement of the unit's objectives will enable students to play an effective part in information development, management and use, and to communicate effectively with ICT professionals. The unit is relevant to students from a variety of business specialisations, including professional accounting. This unit is significant because it enables students to gain an understanding of the implications and impacts of the web revolution based on the basic principles of management information systems.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

Explain why the business value of information technology is determined by people, hardware, software, data and procedures.

Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.

Explain how enterprise content management and electronic records reduce cost, support business operations and assist organisations to meet their regulatory, legal, governance and ethical obligations.

Compare and contrast decisions about project management and systems development including the factors that influence management decisions.

Demonstrate an understanding of the impacts of constant connectivity and distractions on quality of life, customer service and business operations, privacy and security and interpersonal relationships.

Describe the key trends of information technology and the implications for individuals, organisations and society.

Assessment Tasks

Name	Weighting	Due
Assessed Coursework	30%	Weeks 3 -12 (ten weeks)
Report	20%	Week 7
Final Examination	50%	University Examination Period

Assessed Coursework

Due: **Weeks 3 -12 (ten weeks)**
Weighting: **30%**

Submission

Each week students will participate in a task allocated in their tutorial. Tasks are undertaken and marked in tutorials.

Extension

Not applicable - undertaken in class. Students that do not attend class will be awarded a mark of zero (0) for the task, except for cases in which the unit convenor approves an alternative assessment task. An alternative assessment task will only be considered if it meets the following criteria:

1. The student emails accg355@mq.edu.au with the reason for the non-attendance. This must be done within a week of the non-attendance.

2. The student provides evidence for the non-attendance (for example, a doctors certificate) or explains the circumstances to the unit convenor.

Penalties

Not applicable - see rubric for details on marking criteria.

What is required to complete the unit satisfactorily

Satisfactory completion of all components of the unit.

On successful completion you will be able to:

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.
- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.

- Explain how enterprise content management and electronic records reduce cost, support business operations and assist organisations to meet their regulatory, legal, governance and ethical obligations.
- Compare and contrast decisions about project management and systems development including the factors that influence management decisions.
- Demonstrate an understanding of the impacts of constant connectivity and distractions on quality of life, customer service and business operations, privacy and security and interpersonal relationships.
- Describe the key trends of information technology and the implications for individuals, organisations and society.

Report

Due: **Week 7**
Weighting: **20%**

Submission

The assessment task is to write a fifteen (15) page report with scholarly references that will address the issues in a case study relating to robotics (full details available on iLearn). Must be submitted through the Turnitin Assignment link in iLearn.

Extension

No extensions will be granted. Late tasks will be accepted up to 72* hours after the submission deadline. There will be a deduction of 20%* of the available marks made from the total awarded mark for each 24 hour period or part thereof that the submission is late (for example, 25 hours late in submission - 40% penalty). *This penalty does not apply for cases in which the unit convenor has granted an extension.

What is required to complete the unit satisfactorily

Satisfactory completion of all assessment tasks.

On successful completion you will be able to:

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.
- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.
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- Describe the key trends of information technology and the implications for individuals, organisations and society.

Final Examination

Due: **University Examination Period**
Weighting: **50%**

Examination conditions

Three (3) hour exam plus 10 minutes reading time.

What is required to complete the unit satisfactorily

Satisfactory performance in all assessment components including a pass in the final exam.

Supplementary Exams

If a Supplementary Examination is granted as a result of the Disruption to Studies Policy the examination will be scheduled as per the Supplementary Examination timetable of the Faculty. Please note that the supplementary examination will be of the similar format as the final examination.

On successful completion you will be able to:

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.
- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.
- Explain how enterprise content management and electronic records reduce cost, support business operations and assist organisations to meet their regulatory, legal, governance and ethical obligations.
- Compare and contrast decisions about project management and systems development including the factors that influence management decisions.
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- Describe the key trends of information technology and the implications for individuals, organisations and society.

Delivery and Resources

Classes

There is a one and a half- hour lecture at 16:00 Friday for 13 weeks. There are one and a half-hour tutorials each week for 12 weeks. The timetable for classes can be found on the University web site at: http://www.timetables.mq.edu.au/.

- Each student must register for a tutorial and must attend the tutorial that he/she has registered for. There will be a one and a half-hour tutorial each week from weeks 2 to 13. Students must finalise their tutorial enrolment by end of Week 2.

- Tutorial changes can ONLY be made through eStudent. Students wishing to change tutorial times should log onto eStudent and enrol in a class where there is a vacancy.

- Lecture slides will be made available on the unit website prior to the lecture

- The lecture will be made available via iLecture after the lecture each week.

Research and Practice

This unit provides students with practice applying research findings in assessment tasks. All assessment tasks require students to support their assertions with quality scholarly articles. Students will also be encouraged to link research with current industry practice.

Textbook

The required text for this unit is: Turban E, Volonino, L and Wood, G (2013) Information Technology for Management: Advancing Sustainable Profitable Business Growth 9th Edition, John Wiley & Sons.

(the text is available from the Co-op Bookshop).

Technology Used

Course material is available on the unit website (http://ilearn.mq.edu.au) - please note this includes the use of Turnitin. Other technology includes access to the internet to utilise library resources and the use of applications such as word processing software for assignments.

Unit Schedule

Week	Topic	Chapter
1	A Look Toward the Future of Information Technology	Chapter 1 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
2	Information Management and IT Architecture	Chapter 2 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
3	Database, Data Warehouse and Data Mining	Chapter 3 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
4	Networks, Collaboration and Sustainability	Chapter 4 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
5	Cyber security, Compliance and Business Continuity	Chapter 5 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
6	E-Business & E-Commerce Models and Strategies	Chapter 6 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
7	Mobile Technologies and Commerce	Chapter 7 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
8	Web 2.0 and Social Media	Chapter 8 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
9	Functional Area and Compliance Systems	Chapter 9 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
10	Enterprise Systems and Applications	Chapter 10 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
11	Performance Management using Data Visualization, Mashups, and Mobile Intelligence	Chapter 11 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
12	IT Ethics and Responsible Conduct	Chapter 14(Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)
13	Revision and Exam techniques	All

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central. Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy   http://mq.edu.au/policy/docs/assessment/policy.html

Grading Policy http://mq.edu.au/policy/docs/grading/policy.html

Grade Appeal Policy http://mq.edu.au/policy/docs/gradeappeal/policy.html

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.html

Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the Learning and Teaching Category of Policy Central.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/support/student_conduct/

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- Workshops
- StudyWise
- Academic Integrity Module for Students
- Ask a Learning Adviser

Student Services and Support

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

IT Help

For help with University computer systems and technology, visit http://informatics.mq.edu.au/help/.

When using the University's IT, you must adhere to the Acceptable Use Policy. The policy applies to all who connect to the MQ network including students.

Graduate Capabilities

Capable of Professional and Personal Judgement and Initiative

We want our graduates to have emotional intelligence and sound interpersonal skills and to demonstrate discernment and common sense in their professional and personal judgement. They will exercise initiative as needed. They will be capable of risk assessment, and be able to handle ambiguity and complexity, enabling them to be adaptable in diverse and changing environments.

This graduate capability is supported by:

Learning outcomes

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.

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- Describe the key trends of information technology and the implications for individuals, organisations and society.

Assessment tasks

- Assessed Coursework
- Report
- Final Examination

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able

to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcomes

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.
- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.
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Assessment tasks

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- Final Examination

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- Explain why the business value of information technology is determined by people, hardware, software, data and procedures.
- Describe how information technology supports business processes including the risks

and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.

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Engaged and Ethical Local and Global citizens

As local citizens our graduates will be aware of indigenous perspectives and of the nation's historical context. They will be engaged with the challenges of contemporary society and with knowledge and ideas. We want our graduates to have respect for diversity, to be open-minded, sensitive to others and inclusive, and to be open to other cultures and perspectives: they should have a level of cultural literacy. Our graduates should be aware of disadvantage and social justice, and be willing to participate to help create a wiser and better society.

This graduate capability is supported by:

Learning outcomes

- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.

- Explain how enterprise content management and electronic records reduce cost, support business operations and assist organisations to meet their regulatory, legal, governance and ethical obligations.

- Demonstrate an understanding of the impacts of constant connectivity and distractions on quality of life, customer service and business operations, privacy and security and interpersonal relationships.

- Describe the key trends of information technology and the implications for individuals,

organisations and society.

Assessment tasks

- Assessed Coursework
- Report
- Final Examination

Changes from Previous Offering

The lecture is now one and a half hours (previously 2 hours) and the tutorial is one and a half hours (previously one hour).