



# ACCG355

## Information Systems for Management

MQC1 Day 2015

*Dept of Accounting & Corporate Governance*

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#### **Disclaimer**

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## General Information

Unit convenor and teaching staff

City Campus Unit Moderator

Yvette Blount

[yvette.blount@mq.edu.au](mailto:yvette.blount@mq.edu.au)

Contact via [yvette.blount@mq.edu.au](mailto:yvette.blount@mq.edu.au)

Unit Convenor

Matthew Mansour

[matthew.mansour@mq.edu.au](mailto:matthew.mansour@mq.edu.au)

Contact via [matthew.mansour@mq.edu.au](mailto:matthew.mansour@mq.edu.au)

Credit points

3

Prerequisites

39cp including (ACCG250 or ACCG251 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
<u>Assessed Coursework</u>	30%	Weeks 3 -12 (ten weeks)
<u>Case Study/Report</u>	20%	Week 7
<u>Final Examination</u>	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 an application for special consideration is made and approved.

## 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.

## Case Study/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 telemedicine (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 a special consideration is made and approved.

## 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.
- 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.

## 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 Special Consideration process 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.
- 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.

## Delivery and Resources

### Expectations and Workload

Students are expected to spend 150 hours working on this unit. As a guide a student should spend these approximate amounts of time on each of the following activities:

	Activities	Hours
1	Weekly Seminars/Lectures/Tutorials	39
2	Assessment Task 1 (Assessed coursework)	20
3	Assessment Task 2 (Case Study / Report)	30
4	Readings/self-study	61
	TOTAL	150

### Classes

There is a two hour lecture on Tuesdays for 13 weeks. There are one hour tutorials each week for 12 weeks.

- Each student must register for a tutorial and must attend the tutorial that he/she has registered for. There will be a one-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.

## What has Changed

The unit is using a new version of the textbook. This ensures the material is current and relevant. The exam is now worth 50% (previously worth 60%). Assessed coursework is worth 3% each week for 10 weeks (previously 2% for 12 weeks). The case study/report assignment is worth 20% (previously worth 16%).

## 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](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](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](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/](https://students.mq.edu.au/support/student_conduct/)

## Results

Results shown in *iLearn*, or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit [ask.mq.edu.au](#).

## 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](http://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](http://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.
- 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

- Assessed Coursework
- Case Study/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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- Describe the key trends of information technology and the implications for individuals, organisations and society.

## **Assessment tasks**

- Assessed Coursework
- Case Study/Report
- 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.

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

## **Assessment tasks**

- Assessed Coursework
- Case Study/Report
- Final Examination

## **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
- Case Study/Report
- Final Examination

## Changes from Previous Offering

Student groups will be created by the lecture staff as apposed to student creation.

## Research & Practice and Global & Sustainability

This unit addresses global and sustainability issues as direct areas of study and as necessary implications arising from the materials, assessment and academic discussion and debate in classes/seminars. We promote sustainability by developing ability in students to research and locate information within accounting discipline. We aim to provide students with an opportunity to obtain skills which will benefit them throughout their career. This unit gives you opportunities to conduct your own research and gives you practice in applying research findings in your assessment tasks. Students will be required to use library resources to research beyond these materials in undertaking research necessary to complete their tasks. The unit encourages students to read journals (list provided in the unit guide) of interest and publications in these journals have a reference list at the end of each article containing all references cited by the author. These provide some guidance to references that could be used to research particular issues.