



# ACCG355

## Information Systems for Management

S2 Day 2015

*Dept of Accounting & Corporate Governance*

### Contents

---

<u>General Information</u>	2
<u>Learning Outcomes</u>	3
<u>Assessment Tasks</u>	4
<u>Delivery and Resources</u>	6
<u>Unit Schedule</u>	8
<u>Policies and Procedures</u>	8
<u>Graduate Capabilities</u>	10
<u>Changes from Previous Offering</u>	12

---

#### **Disclaimer**

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

## General Information

Unit convenor and teaching staff

Unit Convenor

Edward Tello

[accg355@mq.edu.au](mailto:accg355@mq.edu.au)

Contact via [accg355@mq.edu.au](mailto:accg355@mq.edu.au)

E4A 220

Tuesday 10:00 - 12:00

Tutor

Matthew Mansour

[accg355@mq.edu.au](mailto:accg355@mq.edu.au)

Contact via [accg355@mq.edu.au](mailto:accg355@mq.edu.au)

E4B 104

Thursday 12:00 - 13:00

Tutor

Katherine Free

[accg355@mq.edu.au](mailto:accg355@mq.edu.au)

Contact via [accg355@mq.edu.au](mailto:accg355@mq.edu.au)

tba

Tutor

Pingtzir Sam

[accg355@mq.edu.au](mailto:accg355@mq.edu.au)

Contact via [accg355@mq.edu.au](mailto:accg355@mq.edu.au)

E4B 104

Wednesday 17:00 - 18:00

Teaching Assistant

Ying Lu

[accg355@mq.edu.au](mailto:accg355@mq.edu.au)

Contact via [accg355@mq.edu.au](mailto:accg355@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 and Communications Technology and the implications for individuals, organisations and society.

## Assessment Tasks

Name	Weighting	Due
<u>Assessed Coursework</u>	30%	Weeks 3 - 12 during tutorials
<u>Report</u>	20%	Week 7 (11th of September)
<u>Final Examination</u>	50%	University Examination Period

### Assessed Coursework

Due: **Weeks 3 - 12 during tutorials**

Weighting: **30%**

#### Submission

Each week students will participate in a task allocated in their tutorial. Tasks are undertaken and marked in tutorials. A total of **EIGHT (8)** random weekly assessed coursework submissions will be assessed throughout the semester. The tutor will determine which weeks' work will be marked. The best **7 out of 8** will count with the marks awarded for each being added to give a total mark out of 30. A mark of zero (0) will be given if students are unable to participate in the tutorials.

#### Extension

No extensions will be granted – not applicable as 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 Disruption to Studies (DTS) 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 and Communications Technology and the implications for individuals, organisations and society.

## Report

Due: **Week 7 (11th of September)**

Weighting: **20%**

### Submission

The assessment task is to write an individual Business Report with **2,000-2,500 words** using scholarly references that will address a topic on Information and Communications Technology (ICT) (full details available on iLearn). The unit convenor will release the business report topic on iLearn on week 3. The report must be submitted through the Turnitin Assignment link in iLearn by Friday, 11<sup>th</sup> of September at 5:00pm AEST (week 7). This assessment task will be required to have an **Originality Report**, which will be done through the software program Turnitin. For more information go to: [http://www.mq.edu.au/iLearn/student\\_info/assignments.htm](http://www.mq.edu.au/iLearn/student_info/assignments.htm). The tutors will check the originality report before commencing marking. All reports will be marked through Gradebook (the online marking system). Students will receive feedback within two weeks of the report submission.

### 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 an application for Disruption to Studies (DTS) 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:

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

### 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.

### What is required to complete the unit satisfactorily

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

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.
- 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 and Communications Technology and the implications for individuals, organisations and society.

## Delivery and Resources

### Classes

This unit will be taught in the form of weekly lectures and tutorials. There is a one and a half-hour lecture at 8:30 Wednesday 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: <https://timetable.s.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 the 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 (2015)** Information Technology for Management: Digital Strategies for Insight, Action, and Sustainable Performance, 10th Edition, John Wiley & Sons (ISBN 978-1-118-89778-2). Available at 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.

## 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	36
2	Weekly Assessment Tasks (5 hours per week from weeks 3-13)	50
3	Report	40
4	Readings/self-study/preparation for the exam	24
	Total	150

## Unit Schedule

Week	Topic	Chapter
1	Doing Business in Digital Times	Chapter 1 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
2	Data Governance and IT Architecture Support Long-Term Performance	Chapter 2 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
3	Data Management, Big Data Analytics, and Records Management	Chapter 3 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
4	Social Networking, Engagement, and Social Metrics	Chapter 7 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
5	Networks for Efficient Operations and Sustainability (Part 1)	Chapter 4 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
6	Networks for Efficient Operations and Sustainability (Part 2)	Chapter 4 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
7	Cybersecurity and Risk Management	Chapter 5 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
8	Retail, E-commerce, and Mobile Commerce Technology	Chapter 8 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
9	Effective and Efficient Business Functions	Chapter 9 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
10	Strategic Technology and Enterprise Systems	Chapter 10 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
11	Data Visualization and Geographic Information Systems	Chapter 11 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth Edition Wiley)
12	Ethical Risks and Responsibilities of IT Innovations	Chapter 14 (Turban, Volonino, Wood (2015) Information Technology for Management Tenth 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](http://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

- Describe how information technology supports business processes including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing.
- 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 and Communications 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.
- 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 and Communications Technology and the implications for individuals, organisations and society.

## **Assessment task**

- Assessed Coursework

## **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.
- 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 and Communications Technology and the implications for individuals, organisations and society.

## **Assessment tasks**

- Assessed Coursework
- 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.
- 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 and Communications Technology and the implications for individuals, organisations and society.

## **Assessment tasks**

- Assessed Coursework
- Report
- Final Examination

## **Changes from Previous Offering**

The unit is using the latest edition of the textbook. Additionally, the number of Assessed

Coursework has been reduced from 10 to 8.