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General Information

Unit convenor and teaching staff
Unit Convenor
Yvette Blount
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Contact via yvette.blount@mq.edu.au
E4A 341
Wednesday 14:00- 15:00 and Friday 15:00 - 16:00

Tutor
Matthew Mansour
matthew.mansour@mq.edu.au
Contact via matthew.mansour@mq.edu.au
tba

Tutor
Katherine Free
katherine.free@mq.edu.au
Contact via katherine.free@mq.edu.au
Monday 13:00 - 14:00

Tutor
Pingtzir Sam
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tba

Teaching Assistant
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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 http://students.mq.edu.au/student_admin/enrolmentguide/academicdates/

Learning Outcomes

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

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

3. 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.

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

5. 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.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessed Coursework</td>
<td>30%</td>
<td>Weeks 3 -12 (ten weeks)</td>
</tr>
<tr>
<td>Report</td>
<td>20%</td>
<td>Week 7</td>
</tr>
<tr>
<td>Final Examination</td>
<td>50%</td>
<td>University Examination Period</td>
</tr>
</tbody>
</table>

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.

This Assessment Task relates to the following 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.

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.

This Assessment Task relates to the following 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.
Unit guide ACCG355 Information Systems for Management

- 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 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.

This Assessment Task relates to the following 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.

**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 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**
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A Look Toward the Future of Information Technology</td>
<td>Chapter 1 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)</td>
</tr>
<tr>
<td>3</td>
<td>Database, Data Warehouse and Data Mining</td>
<td>Chapter 3 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)</td>
</tr>
<tr>
<td>8</td>
<td>Web 2.0 and Social Media</td>
<td>Chapter 8 (Turban, Volonino, Wood (2013) Information Technology for Management Ninth Edition Wiley)</td>
</tr>
</tbody>
</table>
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:


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/)

**Student Support**

Macquarie University provides a range of support services for students. For details, visit [http://students.mq.edu.au/support/](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 Enquiry Service
For all student enquiries, visit Student Connect at ask.mq.edu.au

Equity 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.

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
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

**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.
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Assessment tasks

- Assessed Coursework
- 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.
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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

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.
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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

**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).