ACCG3055
Information Systems for Management
Session 2, Special circumstances 2021

Department of Accounting & Corporate Governance

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Notice
Some on-campus classes have moved online for the first two weeks of Session, before returning to campus in Week 3. If you are studying a unit outside of the primary Session 2 timetable, please contact your teaching staff team for further details.

Some classes/teaching activities cannot be moved online and must be taught on campus. To find out if you are enrolled in one of these classes/teaching activities, you can check to see if your unit is on the list of units with mandatory on-campus classes/teaching activities.

Your Unit Convenor will provide more information via an iLearn announcement when your iLearn unit becomes available.
General Information

Unit convenor and teaching staff
Unit Convenor
Matthew Mansour
matthew.mansour@mq.edu.au
Contact via accg3055@mq.edu.au
Refer to iLearn
See iLearn

Moderator
Yvette Blount
accg3055@mq.edu.au

Credit points
10

Prerequisites
ACCG250 or ACCG2050

Corequisites

Co-badged status

Unit description
This unit aims 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 improving 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. This unit 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://students.mq.edu.au/important-dates

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

ULO1: Explain why the business value of information technology is determined by
people, hardware, software, data and procedures and describe the key trends of Information and Communications Technology and the implications for individuals, organisations and society.

ULO2: Describe how information technology supports business processes (including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing) and compare and contrast decisions about project management and systems development including the factors that influence management decisions.

ULO3: 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.

ULO4: 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.

ULO5: Demonstrate a commitment to working in a team and contribute to achieve the goals of the task at hand.

General Assessment Information

With these unusual times it is always important to refer to ilearn for updated information on assessments and any variations that may happen due to lock-downs, government advise etc. We do our best to stick to the Unit Guide but with these uncertain times we need to be agile. We will always ensure to advise you through multiple channels if a change has occurred. It is always advisable to review the News Forum for any updates.

Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Hurdle</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessed Coursework</td>
<td>30%</td>
<td>No</td>
<td>Weeks 4 / 6 / 8 / 10 / 12</td>
</tr>
<tr>
<td>Case Study/Report</td>
<td>20%</td>
<td>No</td>
<td>Week 7</td>
</tr>
<tr>
<td>Final Exam</td>
<td>50%</td>
<td>No</td>
<td>TBA - This may vary due to COVID19.</td>
</tr>
</tbody>
</table>

Assessed Coursework

Assessment Type: Participatory task
Indicative Time on Task: 20 hours
Due: Weeks 4 / 6 / 8 / 10 / 12
Weighting: 30%

Each fortnight students will participate in a task allocated in their tutorial. Tasks are undertaken
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 and describe the key trends of Information and Communications Technology and the implications for individuals, organisations and society.

• Describe how information technology supports business processes (including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing) and compare and contrast decisions about project management and systems development including the factors that influence management decisions.

• 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.

• Demonstrate a commitment to working in a team and contribute to achieve the goals of the task at hand.

Case Study/Report
Assessment Type: Report
Indicative Time on Task: 30 hours
Due: Week 7
Weighting: 20%

The assessment task is to write a 2000-word report with scholarly references that will address a contemporary topic relating to information systems (full details are available on iLearn).

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

Final Exam
Assessment Type 1: Examination
Indicative Time on Task 2: 30 hours
Due: TBA - This may vary due to COVID19.
Weighting: 50%

A two-hour online examination (open book) will be held during the University Examination period.

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 and describe the key trends of Information and Communications Technology and the implications for individuals, organisations and society.
• Describe how information technology supports business processes (including the risks and benefits of cloud computing, e-business, m-commerce, social computing and outsourcing) and compare and contrast decisions about project management and systems development including the factors that influence management decisions.
• 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.

1 If you need help with your assignment, please contact:
• the academic teaching staff in your unit for guidance in understanding or completing this
type of assessment

• the Learning Skills Unit for academic skills support.

2 Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Classes

Mode of delivery is a Hybrid mode. ACCG3055 is taught via lectures (via Zoom live and recorded for revision purposes) and the tutorial sessions component have two possible streams (pending class size): On campus (in the classroom) or online via Zoom (NB. You can only elect to be in one or the other stream, you cannot decide to come on campus one week and then online the next)

There is one class per week that will consist of three (3) hours (1.5 online lecture and 1.5 tutorial). The timetables portal is available here: http://timetables.mq.edu.au

Textbook

The required text for this unit is:


Can be purchased from Wiley Direct.

In addition to the required text, you are expected to draw on literature from other sources (including magazines, newspapers, business reports, journals, etc.). In the case of research journals, you can search journals and explore the main catalogue or look up databases relevant to Information and Communications Technology (ICT) and/or management. The journals of particular interest include the following (to name a few):

• Journal of the Association for Computing Machinery (ACM)

• International Journal of Management and Systems

• Information Systems

• Information Systems and e-Business Management

Other required material will be available to students throughout the session via iLearn.

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>Disruptive IT impacts companies, competition and careers</td>
<td>Chapter 1 (Prescribed text)</td>
</tr>
<tr>
<td>2</td>
<td>Information systems, IT architecture, data governance and cloud computing</td>
<td>Chapter 2 (Prescribed text)</td>
</tr>
<tr>
<td>3</td>
<td>Data management, data analytics and business intelligence</td>
<td>Chapter 3 (Prescribed text)</td>
</tr>
<tr>
<td>4</td>
<td>Networks, collaborative technology and the Internet of things</td>
<td>Chapter 4 (Prescribed text)</td>
</tr>
<tr>
<td>5</td>
<td>Cybersecurity and Risk Management</td>
<td>Chapter 5 (Prescribed text)</td>
</tr>
<tr>
<td>6</td>
<td>Search, semantic and recommendation technology</td>
<td>Chapter 6 (Prescribed text)</td>
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<tr>
<td>7</td>
<td>Web 2.0 and social technology</td>
<td>Chapter 7 (Prescribed text)</td>
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<tr>
<td>8</td>
<td>Retail, E-Commerce and mobile commerce technology</td>
<td>Chapter 8 (Prescribed text)</td>
</tr>
<tr>
<td>9</td>
<td>Functional business systems</td>
<td>Chapter 9 (Prescribed text)</td>
</tr>
<tr>
<td>10</td>
<td>Enterprise Systems</td>
<td>Chapter 10 (Prescribed text)</td>
</tr>
<tr>
<td>11</td>
<td>Data visualisation and geographic information systems</td>
<td>Chapter 11 (Prescribed text)</td>
</tr>
<tr>
<td>12</td>
<td>Project Management and SDLC</td>
<td>Chapter 13 (Prescribed text)</td>
</tr>
<tr>
<td>13</td>
<td>Ethical Risks and Responsibilities of IT Innovations</td>
<td>Chapter 14 (Prescribed text)</td>
</tr>
<tr>
<td></td>
<td>Revision and Exam techniques</td>
<td>All</td>
</tr>
</tbody>
</table>

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy *(Note: The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)*

Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (http://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/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/admin/other-resources/student-conduct

**Results**

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) 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 or if you are a Global MBA student contact globalmba.support@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) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian
Student Enquiry Service

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

If you are a Global MBA student contact globalmba.support@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://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

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

Changes from Previous Offering

The unit has been aligned to the Learning Outcomes and any necessary updates to lecture material has been completed also.