ACCG3055

Information Systems for Management

Session 2, Special circumstances 2021

Department of Accounting & Corporate Governance

Contents

Session 2 Learning and Teaching Update

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of units with mandatory on-campus classes/teaching activities.

Visit the MQ COVID-19 information page for more detail.

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://www.mq.edu.au/study/calendar-of-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

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

Assessed Coursework

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 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

and marked in tutorials. The marking rubric is 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.
- 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 [1]: Report
Indicative Time on Task [2]: 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 Writing Centre 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:

Information Technology for Management 11th Edition, Efraim Turban, Gregory R. Wood, Carol Pollard **ISBN:** 9781119571544

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

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

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). 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

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

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

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 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

If you are a Global MBA student contact globalmba.support@mq.edu.au

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.