ACCG8022

Information Systems in Business

Session 1, Special circumstances 2021

Department of Accounting & Corporate Governance

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Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to timetable viewer. To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff
Unit Convenor
Matthew Mansour
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Contact via matthew.mansour@mq.edu.au
see iLearn
see iLearn

Moderator
Yvette Blount
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Credit points
10

Prerequisites
(10cp from ACCG or ACST or AFIN or BUS or ECON or MGMT or MKTG units at 6000 level or above) or (admission to GradCertForAccg or GradDipForAccg or MBusAnalytics or MForAccgFinCri or MCybergovMgnt)

Corequisites

Co-badged status

Unit description
This unit enables students to gain an understanding of the implications and impacts of information and communication technology (ICT) in business. The aim of the unit is for students to understand the concept of the digital economy, the impact business pressures play on the organisation, and their responses and adaptations to these pressures, and the role ICT plays both inside and outside the organisation in the context of globalisation and future trends. The focus is on understanding the creation of business value by enabling business processes using information and communications technologies. Students will analyse contemporary case studies and examples to critically evaluate and recommend specific ICT solutions for each topic. Students develop report writing skills by researching a current topic, such as cybersecurity or digital ethics, analyse the issues and provide recommendations to management.
The unit is offered in two delivery modes. Students can choose between a face-to-face, on campus offering, over the full session, or an external offering comprising six modules, each of one week's duration, with a workshop on campus prior to the start of session.

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: Critically evaluate the correlation between business and technology, including how business strategies and processes determine technology decisions.

ULO2: Evaluate the significance of information to organisational success by explaining the business benefits of a reliable IS infrastructure, and how to successfully leverage information with an appropriate level of security.

ULO3: Explain how enterprise-wide systems support information and how business decisions are made by the users of that information.

ULO4: Research and evaluate the issues relating to information ethics and privacy, including the implications for social media use.

Assessment Tasks

Name	Weighting	Hurdle	Due
Fortnightly Assessment	30%	No	Weeks 4 / 6 / 8 / 10 / 12
Report	20%	No	Week 6
Take Home Essay	50%	No	TBA

Fortnightly Assessment

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 30 hours
Due: **Weeks 4 / 6 / 8 / 10 / 12**
Weighting: **30%**

A variety of activities will be assigned fortnightly from weeks 3 to 12, to be completed online. Students are expected to complete readings and research as required prior to the next online class.

On successful completion you will be able to:

- Critically evaluate the correlation between business and technology, including how business strategies and processes determine technology decisions.
- Evaluate the significance of information to organisational success by explaining the business benefits of a reliable IS infrastructure, and how to successfully leverage information with an appropriate level of security.
- Explain how enterprise-wide systems support information and how business decisions are made by the users of that information.

Report

Assessment Type [1]: Report
Indicative Time on Task [2]: 10 hours
Due: **Week 6**
Weighting: **20%**

The assessment task is to write a 2,500 report with scholarly references that will address a contemporary topic relating to information systems.

On successful completion you will be able to:

- Critically evaluate the correlation between business and technology, including how business strategies and processes determine technology decisions.
- Research and evaluate the issues relating to information ethics and privacy, including the implications for social media use.

Take Home Essay

Assessment Type [1]: Examination
Indicative Time on Task [2]: 30 hours
Due: **TBA**
Weighting: **50%**

A set of questions will be released that could be your final take home essay. Students will need to prepare for each question, and will need to submit a maximum one page summary for the chosen take home essay question advised by the lecturer.

On successful completion you will be able to:

- Critically evaluate the correlation between business and technology, including how

business strategies and processes determine technology decisions.
- Evaluate the significance of information to organisational success by explaining the business benefits of a reliable IS infrastructure, and how to successfully leverage information with an appropriate level of security.
- Explain how enterprise-wide systems support information and how business decisions are made by the users of that information.
- Research and evaluate the issues relating to information ethics and privacy, including the implications for social media use.

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[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

This unit uses a flipped classroom learning approach. Students will be expected to read the textbook chapter, read lecture notes and complete activities prior to attending class. The class will involve interactive activities involving case studies, working in groups and other activities.

Mode of delivery is a Hybrid mode. ACCG8022 is taught via lectures (via Zoom live and recorded for revision purposes) and the tutorial sessions component have two possible streams (pending class enrolment) : On campus(in the classroom) or online via Zoom (**NB.** If both streams run 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. The timetables portal is available here: http://timetables.mq.edu.au

Textbook

Baltzan, P, Paige, A 2021, *Business Driven Information Systems, 7e McGraw-Hill North Ryde Australia* (ISBN 9781260262483)

https://www.mheducation.com.au/ise-business-driven-information-systems-9781260570854-aus

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 the library

website, complete Connect activities and the use of applications such as word processing software for assessment tasks.

Expectations and Workload

Students are expected to spend 150 hours working on this unit. Students must make a serious attempt at each assessment task to successfully meet the unit outcomes. As a guide a student should spend these approximate amounts of time on each of the following activities:

	Activities	Hours
1	Weekly Seminars	39
2	Weekly preparation including reading the textbook and lecture notes as well as assigned activities prior to class (approximately 5 hours per week)	65
3	Report	26
4	Revision/preparation for exam	20
	TOTAL	**150**

Unit Schedule

Week	Chapter	Topic
1	1	Business Driven MIS
2	2	Value Driven Business
3	3	e-Business
4	4	MIS Business Concerns
5	5	Sustainable Technologies
6	6	Business Intelligence
7	7	Networks: Mobile Business
		Session Break
8	8	Enterprise Information Systems: ERP and SCM

9	8	Enterprise Information Systems: CRM and Collaboration Systems
10	Reading Provided in class	Ethics, Privacy, Social Media and Future Trends
11	Reading Provided in class	Research Articles Review/Activities, Presentations
12	Reading Provided in class	Future of Technology
13		Revision

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

Update textbook / Updated material.

Research & Practice, 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 the ability of students to research and locate information within the information systems domain. We aim to provide students with an opportunity to obtain skills which will benefit them throughout their career.

The unit materials have a reference list at the end of each chapter with all references cited by the author. These provide some guidance to references that could be used to research in depth particular issues.