



ACCG8022

Information Systems in Business

Session 1, In person-scheduled-weekday, North Ryde 2022

Department of Accounting and Corporate Governance

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General Information

Unit convenor and teaching staff

Lecturer and Convenor

Binh Bui

binh.bui@mq.edu.au

Moderator

Ali Amrollahi

ali.amrollahi@mq.edu.au

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: Explain and critically evaluate the impact of Information and Communication Technology on an organisation's environment and business model, and how it supports data analysis and decision making.

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.

General Assessment Information

Weekly 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 7** 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.

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

Assessment Tasks

Name	Weighting	Hurdle	Due
Report	20%	No	Week 7

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

Report

Assessment Type ¹: Report

Indicative Time on Task ²: 10 hours

Due: **Week 7**

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:

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

Weekly 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 each week from weeks 3 to 12, completed in class. Students are expected to complete readings and research as required prior to the class.

On successful completion you will be able to:

- Explain and critically evaluate the impact of Information and Communication Technology on an organisation's environment and business model, and how it supports data analysis and decision making.
- 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.

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 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 Monday 3pm-6pm. 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.

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 \(https://policies.mq.edu.au\)](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](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](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 \(https://policies.mq.edu.au\)](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

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the 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

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study

- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

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 since First Published

Date	Description
15/02/2022	The unit was published before the new moderator was assigned. I need to add the moderator (Ali Amrollahi) to the staff contacts in the Unit Guide.