



# ACCG8022

## Applied Business Information Systems

Session 2, In person-scheduled-weekday, North Ryde 2026

*Department of Accounting and Corporate Governance*

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#### **Disclaimer**

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## General Information

Unit convenor and teaching staff

Unit Convenor / Lecturer

Matthew Mansour

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Contact via email

Refer to ilearn

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 MBusAnalytics)

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

### Late Submission Penalties

If you submit your assessment late, 5% of the total possible marks will be deducted for each day (including weekends), up to 7 days. Submissions more than 7 days late will receive a mark of 0.

Example 1 (out of 100):

If you score 85/100 but submit **20 hours late**, you will lose **5 marks** and receive **80/100**.

Example 2 (out of 30):

If you score 27/30 but submit **20 hours late**, you will lose **1.5 marks** and receive **25.5/30**.

### Extensions

*Automatic short extension:* Some assessments are eligible for automatic short extension. You can only apply for an automatic short extension before the due date.

*Special Consideration:* If you need more time due to serious issues and for any assessments that are not eligible for Short Extension, you must apply for Special Consideration. Need help? Review the [Special Consideration page](#) for further details.

## Assessment Tasks

| Name                                                                 | Weighting | Hurdle | Due                | Groupwork/Individual | Short Extension | AI Approach |
|----------------------------------------------------------------------|-----------|--------|--------------------|----------------------|-----------------|-------------|
| <a href="#">Skills development:</a><br><a href="#">Applied tasks</a> | 20%       | No     | 03/<br>09/<br>2026 | Individual           | Yes             | Open AI     |

| Name                                     | Weighting | Hurdle | Due                | Groupwork/Individual | Short Extension | AI Approach |
|------------------------------------------|-----------|--------|--------------------|----------------------|-----------------|-------------|
| Professional practice:<br>Major report   | 30%       | No     | 15/<br>10/<br>2026 | Individual           | Yes             | Open AI     |
| Skills development:<br>Critical analysis | 50%       | No     | 05/<br>11/<br>2026 | Individual           | Yes             | Open AI     |

## Skills development: Applied tasks

Assessment Type <sup>1</sup>: Problem-based task

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **03/09/2026**

Weighting: **20%**

Groupwork/Individual: Individual

Short extension <sup>3</sup>: Yes

AI Approach: Open AI

The purpose of this assessment is for you reinforce and apply your learning from each class.

You will complete tasks in tutorials based on the materials covered in the previous week's lecture and assigned readings.

### Skills in focus:

- Critical thinking and problem solving
- Discipline knowledge
- Work readiness
- Communication skills
- Global, ethical and environmental citizenship

**Deliverable(s):** Written response [max 1200 words]

Individual assessment

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.

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

## Professional practice: Major report

Assessment Type <sup>1</sup>: Professional task

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **15/10/2026**

Weighting: **30%**

Groupwork/Individual: Individual

Short extension <sup>3</sup>: Yes

AI Approach: Open AI

The purpose of this assessment is for you to apply the theoretical and practical concepts introduced throughout the unit.

You will prepare a report about solving problems related to Accounting Information Systems.

### Skills in focus:

- Critical thinking and problem solving
- Discipline knowledge
- Digital skills
- Work readiness
- Communication skills

**Deliverable(s):** Report [max 2000 words]

Individual assessment

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

## Skills development: Critical analysis

Assessment Type <sup>1</sup>: Problem-based task

Indicative Time on Task <sup>2</sup>: 30 hours

Due: **05/11/2026**

Weighting: **50%**

Groupwork/Individual: Individual

Short extension <sup>3</sup>: Yes

AI Approach: Open AI

The purpose of this assessment is for you to gain expertise in critically analysing and synthesising information about the role of Information and Communication Technology (ICT) in organisations.

You will respond to essay questions based on topics in the unit.

### Skills in focus:

- Critical thinking and problem solving
- Discipline knowledge
- Digital skills
- Communication skills

**Deliverable(s):** Essay response [max 2000 words]

Individual assessment

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

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<sup>1</sup> 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

- [Academic Success](#) for academic skills support.

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

<sup>3</sup> An automatic short extension is available for some assessments. Apply through the [Service Connect Portal](#).

## 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.

You will need to attend one class per week for three (3) hours which will be split into a 1.5 hour lecture and a 1.5 hour tutorial/workshop

### Textbook

Baltzan, Business Driven Information Systems 8<sup>th</sup> edition ©2023 | McGraw Hill Australia

[ISE Business Driven Information Systems \(mheducation.com.au\)](https://mheducation.com.au)

## Unit Schedule

| Week | Chapter | Topic                                                         |
|------|---------|---------------------------------------------------------------|
| 1    | 1       | Business Driven MIS                                           |
| 2    | 2       | Value Driven Business                                         |
| 3    | 3       | e-Business                                                    |
| 4    | 4       | Decisions and Processes                                       |
| 5    | 5       | Sustainable Technologies                                      |
| 6    | 6       | Business Intelligence                                         |
| 7    | 9       | Systems Development and Project Management                    |
| 8    | 7       | Networks: Mobile Business                                     |
| 9    | 8       | Enterprise Information Systems: ERP and SCM                   |
| 10   | 8       | Enterprise Information Systems: CRM and Collaboration Systems |

|    |                                 |                                                 |
|----|---------------------------------|-------------------------------------------------|
| 11 | Reading<br>Provided<br>in class | Ethics, Privacy, Social Media and Future Trends |
| 12 | Reading<br>Provided<br>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 [connect.mq.edu.au](https://connect.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/>

### Academic Success

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

- [Ask a Study Coach](#)
- [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 Advocacy](#) provides independent advice on MQ policies, procedures, and processes

## Student Enquiries

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

## IT Help

For help with University computer systems and technology, visit <https://students.mq.edu.au/support/technology/service-desk>.

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

Change in assessment 1 / 2 /3

Unit Convenor change for S2 26.

New tutorials

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Unit information based on version 2026.03 of the [Handbook](#)