



# ACCG2050

## Information Systems and Business Processes

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

*Department of Accounting and Corporate Governance*

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#### Disclaimer

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## General Information

Unit convenor and teaching staff

Lecturer and Unit Convenor

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See iLearn for consultation hours

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Credit points

10

Prerequisites

50cp at 1000 level or above including ACCG100 or ACCG1000 or ACCG106

Corequisites

Co-badged status

Unit description

The aim of this unit is for students to understand the impact that information systems have on business processes and provides the foundation for further studies in accounting, audit and business information systems units. Topics covered include business processes, systems development, internal controls, ethics and cybersecurity, and the role of accounting, accounting information systems and information systems more broadly. The material is presented through a business lens, exploring the benefits and limitations of information systems in organisations. The emphasis in this unit is placed on students understanding the critical role that information systems play in supporting business functions. Students will evaluate the critical nexus between the business and the information systems functions to be able to take advantage of existing and emerging technologies. In this unit students will develop teamwork, presentation and critical thinking skills using case-based materials.

## 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:** Evaluate the role of Information Systems and Accounting Information Systems in supporting the business processes of an organisation

**ULO2:** Discuss the importance and benefits of systems development methodologies and evaluate the role of ethics and ethical decision making within the Accounting Information System context.

**ULO3:** Analyse risks and develop control plans pertinent to primary business activities.

**ULO4:** Demonstrate effective communication and interaction skills through the delivery of oral presentations and engagement in group discussions

## Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Final Examination</u>	45%	No	Examination period
<u>Weekly Assessment</u>	15%	No	Weekly assessment during tutorials
<u>Presentation</u>	10%	No	Week 12
<u>Experiential activity</u>	30%	No	See iLearn for dates

### Final Examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 23 hours

Due: **Examination period**

Weighting: **45%**

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

On successful completion you will be able to:

- Evaluate the role of Information Systems and Accounting Information Systems in supporting the business processes of an organisation
- Discuss the importance and benefits of systems development methodologies and evaluate the role of ethics and ethical decision making within the Accounting Information System context.
- Analyse risks and develop control plans pertinent to primary business activities.

## Weekly Assessment

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

Indicative Time on Task <sup>2</sup>: 40 hours

Due: **Weekly assessment during tutorials**

Weighting: **15%**

Each week students will participate in a task allocated in their tutorial.

On successful completion you will be able to:

- Evaluate the role of Information Systems and Accounting Information Systems in supporting the business processes of an organisation
- Discuss the importance and benefits of systems development methodologies and evaluate the role of ethics and ethical decision making within the Accounting Information System context.
- Analyse risks and develop control plans pertinent to primary business activities.
- Demonstrate effective communication and interaction skills through the delivery of oral presentations and engagement in group discussions

## Presentation

Assessment Type <sup>1</sup>: Presentation

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 12**

Weighting: **10%**

This assessment requires each student to deliver a presentation. This assessment requires the student and their 'experiential activity' assessment group (from assessment one) to create a video presentation in connection with the group's devised company. Students work together on the presentation task but are marked individually for their presentation skills.

On successful completion you will be able to:

- Evaluate the role of Information Systems and Accounting Information Systems in supporting the business processes of an organisation
- Discuss the importance and benefits of systems development methodologies and evaluate the role of ethics and ethical decision making within the Accounting Information System context.
- Demonstrate effective communication and interaction skills through the delivery of oral presentations and engagement in group discussions

## Experiential activity

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

Indicative Time on Task <sup>2</sup>: 40 hours

Due: **See iLearn for dates**

Weighting: **30%**

This assessment requires students to apply the theoretical knowledge covered in their weekly lecture to devise and develop their own assigned companies. There are two main components of this assessment: 1) Two group written reports (20%) 2) In-class participation and reflection task (10%)

On successful completion you will be able to:

- Evaluate the role of Information Systems and Accounting Information Systems in supporting the business processes of an organisation
- Analyse risks and develop control plans pertinent to primary business activities.
- Demonstrate effective communication and interaction skills through the delivery of oral presentations and engagement in group discussions

<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
- the [Writing Centre](#) 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

## Delivery and Resources

<b>Required Text:</b>	<b>Digital Transformations in Business, Custom Publication by Mauricio Marrone. ISBN: 9781119922612. PUBLISHER: John Wiley.</b> Students can purchase this text from the Macquarie University Co-op Bookshop.
<b>Unit Web Page:</b>	<b>iLearn:</b> This unit will use iLearn as an online technology for students to access course material, announcements as well as any other documents related to this unit. Students are required to regularly check the iLearn for accessing up-to-date information about the unit.
<b>Technology Used and Required:</b>	<b>Echo</b> is a multi-media learning tool that provides an audio of the lectures which students can download and listen to at their convenience. Echo will be made available at the end of each week via the unit's website (iLearn).  <b>E-reserve:</b> Students can find extra readings on a link on the university's website, called e-Reserve. Some of these extra readings will be used for tutorial activities and lecture content. Students need to download all relevant information to complete their tutorial questions and their learning objectives.  Timetables: Students can find the timetable for classes on the University website at: <a href="http://timetables.mq.edu.au">http://timetables.mq.edu.au</a> .

<b>Delivery Format and Other Details:</b>	<p><b>Teaching</b></p> <p>This unit will be taught in the form of weekly lectures and tutorials. Students are required to enrol in one lecture (1 hours of teaching) and one tutorial (1.5 hour of teaching) for this unit. The teaching strategies are outlined below:</p> <p><b>Lectures</b></p> <p>A one-hour online, on-demand lecture will be completed every week. It is expected that students complete their prescribed reading for the week prior to attending the lecture.</p> <p><b>Tutorial attendance</b></p> <p>Each student must register for a tutorial and must attend the tutorial that they have registered for. There will be a two-hour tutorial each week from weeks 2 to 13. Students must finalise their tutorial enrolment by end of Week 2. Tutorial changes can ONLY be made through eStudent. Students wishing to change tutorial times should log onto eStudent and enrol in a class where there is a vacancy.</p> <p>If you attend the tutorial that you are not enrolled in, it will not be counted toward the attendance record, with an exception of tutorials held on the week of public holidays. It will also not count towards your assessed coursework. No exception for tutorial attendances and late assignments will be granted for students who are enrolled late in this subject.</p> <p>Your attendance may not be marked if you arrive more than 15 minutes late to your tutorials unless there is an appropriate reason provided to your tutors.</p>
<b>Recommended Readings:</b>	
<b>Other Course Materials:</b>	

## Research and Practice, Global and 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 ability in students to research and locate information within the accounting discipline. We aim to provide students with an opportunity to obtain skills which will benefit them throughout their career.

The unit's textbook has a reference list at the end of each chapter containing all references cited by the author. These provide some guidance to references that could be used to research particular issues.

## Unit Schedule

Topic	Chapter	Week
Introduction to Accounting Information Systems	1	1
Organizational Strategy, Competitive Advantage, and Information Systems	2	2
Information Systems Within the Organization & Customer Relationship Management and Supply Chain Management	3 & 4	3
Internal Controls	5	4
Revenue Cycle	6	5
Expenditure Cycle	7	6
HR Management and Payroll Cycle	8	7

Break	-	-
General Ledger and Financial Reporting	9	8
Systems development and Cloud Software	10	9
Acquiring Information Systems	10	10
Ethics and Cybersecurity	11	11
System Documentation	-	12
Review	All	13

## 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](https://ask.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/>

## 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/](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.

## Program Learning Outcomes

This unit supports the development of program learning outcomes (PLO) for degree(s) delivered by the Faculty of Business and Economics. PLOs describe the educational outcomes of a degree and what you should be able to know, understand and do by the end of your degree.

Unit learning outcomes 2, 3, 4 & 5 and the Experiential activity, Presentation and Final Exam assessments contribute to the following PLOs:

**PLO2 Critical Thinking**

**PLO4.1b & d Communication**

**PLO4.2 Global Citizens**

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Unit information based on version 2022.03 of the [Handbook](#)