ACCG8022

Information Systems in Business

Session 2, Online-scheduled-weekday 2023

Department of Accounting and Corporate Governance

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General Information

Unit convenor and teaching staff
Moderator
Binh Bui

Ali Eshraghi
ali.eshraghi@mq.edu.au

Binh Bui
binh.bui@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

Late Assessment Submission Penalty

From 1 July 2022, Students enrolled in Session based units with written assessments will have the following late penalty applied. Please see https://students.mq.edu.au/study/assessment-exams/assessments for more information.

Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at **11:55 pm**. A 1-hour grace period is provided to students who experience a technical concern.

Assessments where Late Submissions will be accepted

In this unit, late submissions will be accepted as follows:

Weekly Assessment, NO

Report, YES, Standard Late Penalty applies

Take-Home Essay, YES, Standard Late Penalty applies

For any late submission of **time-sensitive tasks**, such as scheduled tests/exams, performance assessments/**presentations**, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Self-Plagiarism: Macquarie's plagiarism policy (see link below) does not allow this, there are no exemptions on similarity for these type of situations and the similarity number will only increase

once both are in the Turnitin database and match with each other. Tread very carefully if this situation applies to you, your discussion points will have to be almost completely different in each unit. Consider this early fair warning.

https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/academic-integrity

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
Weekly Assessment	30%	No	Week 4/ 6/ 8/ 10/ 12		No	
Report	20%	No	Week 7		No	
Take Home Essay	50%	No	Week 14		No	

Weekly Assessment

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 30 hours
Due: **Week 4/ 6/ 8/ 10/ 12**
Weighting: **30%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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.

Report

Assessment Type [1]: Report
Indicative Time on Task [2]: 10 hours
Due: **Week 7**
Weighting: **20%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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:

- 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.
- 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: **Week 14**
Weighting: **50%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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:

- 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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[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
- Academic Success 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.

[3] An automatic short extension is available for some assessments. Apply through the Service Connect Portal.

Delivery and Resources

Classes

Please check iLearn for details.

Textbook

Baltzan, Business Driven Information Systems 8th edition ©2023 | McGraw Hill Australia

ISE Business Driven Information Systems (mheducation.com.au)

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). 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). 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

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 Advocacy provides independent advice on MQ policies, procedures, and processes

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.

Unit information based on version 2023.03 of the Handbook