



ACCG822

Information Systems in Business

S2 Day 2019

Dept of Accounting & Corporate Governance

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General Information

Unit convenor and teaching staff

Unit Convenor

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see iLearn

see iLearn

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Moderator

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Credit points

4

Prerequisites

ACCG611 or (admission to MAdvProfAcc or MActPrac or MCyberSec)

Corequisites

Co-badged status

Unit description

This unit enables students to gain an understanding of the implications and impacts of the web revolution based on the basic principles of management information systems. The primary objective of this unit is 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 technology plays both inside and outside the organisation in the context of globalisation. The focus is on the creation of business value by enabling business processes through the use of information and communications technologies (ICTs). This 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:

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.

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

Assessment Tasks

| Name | Weighting | Hurdle | Due |
|----------------------------|-----------|--------|--------------------|
| <u>Assessed Coursework</u> | 20% | No | Weekly (10 weeks) |
| <u>Report</u> | 30% | No | Week 7 |
| <u>Final Exam</u> | 50% | No | Examination Period |

Assessed Coursework

Due: **Weekly (10 weeks)**

Weighting: **20%**

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 (available on the iLearn website).

Each activity worth 2% will be completed in class from weeks 3 to 12.

Extensions

No extensions will be granted. Students who have not submitted the task prior to the deadline will be awarded a mark of 0 for the task, except for cases in which an application for special consideration is made and approved (see <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>).

Penalty for Late Submission

Not applicable

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

Report

Due: **Week 7**

Weighting: **30%**

The assessment task is to write a report with scholarly references that will address a contemporary topic relating to information systems (full details are available on iLearn).

Submission

All reports will be submitted through Turnitin on iLearn and marked through grademark (the online marking system). Students will receive feedback within two weeks of the report submission through Grademark and Gradebook on the iLearn website.

Extensions

No extensions will be granted.

Penalty for Late Submission

No extensions will be granted. There will be a deduction of 10% of the total available marks made from the total awarded mark for each 24 hour period or part thereof that the submission is late (for example, 25 hours late in submission – 20% penalty). This penalty does not apply for cases in which an application for special consideration is made and approved (see <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>). No submission will be accepted after solutions have been posted.

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.

Final Exam

Due: **Examination Period**

Weighting: **50%**

A final examination is included as an assessment task for this unit to provide assurance that:

- i) the product belongs to the student and
- ii) the student has attained the knowledge and skills tested in the exam.

A two and a half (2.5) hour final examination for this unit will be held during the University Examination period.

Supplementary Exams

If a Supplementary Examination is granted as a result of the Special Consideration Policy the examination will be scheduled as per the Supplementary Examination timetable of the Faculty. Please note that the supplementary examination will be of the similar format as the final examination.

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

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.

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, Lynch, K, Fisher, J 2015, *Business Driven Information Systems*, 3e McGraw-Hill North Ryde Australia (ISBN 9781743762097)

There are three options available:

Option A (HIGHLY RECOMMENDED): Connect Plus with SmartBook & eBook (Including LearnSmart adaptive learning tool) **RRP \$74.95** (<http://connect.mheducation.com/class/i-nastjuk-session-1-2019-north-ryde>)

Option B: Print textbook with Connect with LearnSmart adaptive learning tool (without eBook) to be purchased from university bookshop **RRP \$149.95** (<https://www.mheducation.com.au/9781743762097-aus-pack-business-driven-information-systems-group>)

Option C: If you have the textbook from elsewhere, you can buy Connect with LearnSmart adaptive learning tool (without eBook) **RRP \$42.95** (<http://connect.mheducation.com/class/i-nastjuk-session-1-2019-north-ryde>)

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 Information Systems |
| 2 | 2 | A Brave New Connected World |
| 3 | 3 | e-Business and Mobile Business |
| 4 | 4 | Decisions and Processes |
| 5 | 5 | Technical Fundamentals |
| 6 | 6 | Systems Development and Project Management |
| 7 | 7 | Enterprise Architecture and Security |
| | | Session Break |
| 8 | 8 | Quality Data and Business Intelligence |
| 9 | 9 | Enterprise Information Systems: ERP and SCM |
| 10 | 10 | Enterprise Information Systems: CRM and Collaboration Systems |
| 11 | 11 | Ethics, Privacy, Social Media and Future Trends |
| 12 | | Research Articles Review/Activities, Presentations |
| 13 | | Future of Technology, Revision |

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central\)](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). 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](#) (**Note:** *The Special Consideration Policy is effective from 4*

December 2017 and replaces the Disruption to Studies Policy.)

Undergraduate students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/student-policy-gateway) (<https://students.mq.edu.au/support/study/student-policy-gateway>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/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 improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

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.

Graduate Capabilities

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

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

Assessment tasks

- Assessed Coursework
- Report
- Final Exam

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcomes

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

Assessment tasks

- Assessed Coursework
- Report
- Final Exam

PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcomes

- Critically evaluate the correlation between business and technology including how business strategies and processes determine technology decisions.
- Explain how enterprise-wide systems support information and how business decisions are made by the users of that information.
- Discuss the issues relating to information ethics and privacy, including the implications for social media use.

Assessment tasks

- Assessed Coursework
- Report
- Final Exam

Changes from Previous Offering

Changes to the weighting of the internal assessment and final exam to correlate with moderation

discussion from s1 19

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.