ACCG822

Information Systems in Business

S1 Evening 2015

Dept of Accounting & Corporate Governance

Contents

General Information

Unit convenor and teaching staff
Unit Convenor
Yvette Blount
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E4A 314
Friday 16:00 - 18:00

Credit points
4

Prerequisites
ACCG611 or admission to MAdvProfAcc or admission to MCorpGvnce prior to 2013

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).

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 information technology used to facilitate competitiveness, effectiveness and profitability in complex and diverse organisations (including emerging trends).
Compare disruptive and sustaining technologies and the implications of these technologies for business. Critique Web 2.0, Web 3.0 and the issues relating to e-

Business.

Evaluate systems development methodologies and project management techniques for achieving successful business outcomes.

Assess the implications of supply chain management, customer relationship management, enterprise and collaboration systems for business.

Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.

Evaluate the ethical and security implications of information technology in the context of information technology trends such as cloud computing and transborder data flow in business.

Assessment Tasks

Name	Weighting	Due
Assessed Coursework	30%	Weekly (10 weeks)
Report	30%	Week 7 (24th April)
Final Exam	40%	Examination Period

Assessed Coursework

Due: **Weekly (10 weeks)**
Weighting: **30%**

A variety of activities will be assigned each week from weeks 3 to 12.

Submission

Each activity will be submitted online through iLearn. Each activity is worth 3% and must be undertaken during the timeframe allocated - students have a week to complete each task. Full details are available on the ACCG822 iLearn webpage.

Extensions

No extensions will be granted. Students who have not submitted the task prior to the deadline will be awarded a mark of zero (0) for the task, except for cases in which the unit convenor has granted an extension. This will only be in exceptional circumstances. The student must contact the unit convenor within a week of the assessment due date and provide evidence of why the task could not be completed in the time frame allocated for the extension to be considered.

Penalty for Late Submission

Not applicable

Students must attempt all assessment tasks and achieve an overall mark of fifty (50) percent for coursework to be considered satisfactory.

On successful completion you will be able to:

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- Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.
- Evaluate the ethical and security implications of information technology in the context of information technology trends such as cloud computing and transborder data flow in business.

Report

Due: **Week 7 (24th April)**
Weighting: **30%**

The assessment task is to write a fifteen (15) page report with scholarly references that will address a topic relating to robotics (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

Late tasks will be accepted up to 72* hours after the submission deadline. There will be a deduction of 20%* of the total available marks made from the total awarded mark for each 24 hour period or part thereof that the submisison is late (for example, 25 hours late in submission - 40% penalty). *This penalty does not apply for cases in which an application for an extension has been approved.

Students must attempt all assessment tasks and achieve an overall mark of fifty (50) percent for coursework to be considered satisfactory.

On successful completion you will be able to:

- Evaluate the ethical and security implications of information technology in the context of information technology trends such as cloud computing and transborder data flow in business.

Final Exam

Due: **Examination Period**
Weighting: **40%**

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.

Students must pass the final exam to pass the unit.

Supplementary Exams

If a Supplementary Examination is granted as a result of the Disruption to Studies 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 information technology used to facilitate competitiveness, effectiveness and profitability in complex and diverse organisations (including emerging trends).
- Compare disruptive and sustaining technologies and the implications of these technologies for business. Critique Web 2.0, Web 3.0 and the issues relating to e-Business.
- Evaluate systems development methodologies and project management techniques for achieving successful business outcomes.
- Assess the implications of supply chain management, customer relationship management, enterprise and collaboration systems for business.
- Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.
- Evaluate the ethical and security implications of information technology in the context of

information technology trends such as cloud computing and transborder data flow in business.

Delivery and Resources

Classes

There is one class per week that will consist of three (3) hours of interactive learning activities that will include lectures, case studies, discussions and in class group work. The timetables portal is available here: http://timetables.mq.edu.au

Textbook

Baltzan, P, Lynch, K, Blakey, P 2013, *Business Driven Information Systems, 2e McGraw-Hill North Ryde Australia* (**ISBN 9781743070550**). Available at the Coop Bookshop.

Technology Used

Course Material is available on the unit webite (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 and the use of applications such as word processing software for assignments.

Expectations and Workload

Students are expected to spend 150 hours working on this unit. As a guide a student should spend these approximate amounts of time on each of the following activities:

	Activities	Hours
1	Weekly Seminars (note Good Friday class is cancelled)	36
2	Weekly Assessment Tasks (5 hours per week from weeks 3-13)	50
3	Report	40
4	Readings/self study/preparation for exam	24
	TOTAL	**150**

Unit Schedule

Week	Chapter	Topic

1	1	Competing in the Information Age (Baltzan et.al. (2013) chapter 1)
2	2	Connectivity (Baltzan et.al. (2013) chapter 2)
3	3	e-Business and Mobile Business (Baltzan et.al. (2013) chapter 3)
4	4	Decisions and Processes (Baltzan et.al. (2013) chapter 4)
5	6	Systems Development and Project Management (Baltzan et.al. (2013) chapter 6)
6		Good Friday - no class
		Semester Break
7	11	Ethics, Privacy and Information Security (Baltzan et.al. (2013) chapter 11)
8	7	Enterprise Architecture (Baltzan et.al. (2013) chapter 7)
9	8	Data and business intelligence (Baltzan et.al. (2013) chapter 8)
10	9	Enterprise Information Systems (Baltzan et.al. (2013) chapter 9)
11	10	Enterprise Resource Planning (Baltzan et.al. (2013) chapter 10)
12	12	Future Trends (Baltzan et.al. (2013) chapter 12)
13		Revision

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central. Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy http://mq.edu.au/policy/docs/assessment/policy.html

Grading Policy http://mq.edu.au/policy/docs/grading/policy.html

Grade Appeal Policy http://mq.edu.au/policy/docs/gradeappeal/policy.html

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.html

Disruption to Studies Policy http://www.mq.edu.au/policy/docs/disruption_studies/policy.html *The Disruption to Studies Policy is effective from March 3 2014 and replaces the Special Consideration Policy.*

In addition, a number of other policies can be found in the Learning and Teaching Category of 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/support/student_conduct/

Results

Results shown in *iLearn*, 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.

For performance to be considered satisfactory for this unit, students must have submitted all assessment tasks and achieve at least 50 percent of the total internal assessment marks.

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

IT Help

For help with University computer systems and technology, visit http://informatics.mq.edu.au/help/.

When using the University's IT, you must adhere to the Acceptable Use Policy. The policy applies to all who connect to the MQ network including students.

Graduate Capabilities

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 information technology used to facilitate competitiveness, effectiveness and profitability in complex and diverse organisations (including emerging trends).
- Compare disruptive and sustaining technologies and the implications of these technologies for business. Critique Web 2.0, Web 3.0 and the issues relating to e-Business.
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- Assess the implications of supply chain management, customer relationship management, enterprise and collaboration systems for business.
- Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.

Assessment tasks

- Assessed Coursework
- Report
- Final Exam

PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Learning outcomes

- Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.
- Evaluate the ethical and security implications of information technology in the context of information technology trends such as cloud computing and transborder data flow in business.

Assessment tasks

- Assessed Coursework

- Report

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

- Assess the implications of supply chain management, customer relationship management, enterprise and collaboration systems for business.
- Appraise decision making and problem solving techniques using data and business intelligence to support management decisions for achieving competitive advantage.
- Evaluate the ethical and security implications of information technology in the context of information technology trends such as cloud computing and transborder data flow in business.

Assessment tasks

- Assessed Coursework
- Report
- Final Exam

Changes from Previous Offering

The unit is similar to the previous offering.

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.