ACCG822
Information Systems in Business
S1 Evening 2016
Dept of Accounting & Corporate Governance

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General Information

Unit convenor and teaching staff
Unit Convenor
Yvette Blount
accg822@mq.edu.au
Contact via accg822@mq.edu.au
E4A 314
Thursday 16:00 - 18:00 (before class)

Credit points
4

Prerequisites
ACCG611 or (admission to MAdvProfAcc or (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). This unit is offered in two delivery modes. Students can choose between a face-to-face, on campus offering, over the full semester, or an external offering comprising six modules, each of one week’s duration, with a workshop on campus prior to the start of semester.

Important Academic Dates
Information about important academic dates including deadlines for withdrawing from units are available at http://students.mq.edu.au/student_admin/enrolmentguide/academicdates/

Learning Outcomes
1. Critically evaluate the correlation between business and technology including how business strategies and processes determine technology decisions.
2. 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.

3. Explain how enterprise-wide systems support information and how business decisions are made by the users of that information.

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

### Assessment Tasks

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessed Coursework</td>
<td>30%</td>
<td>Weekly (10 weeks)</td>
</tr>
<tr>
<td>Report</td>
<td>30%</td>
<td>Week 7 (28th April)</td>
</tr>
<tr>
<td>Final Exam</td>
<td>40%</td>
<td>Examination Period</td>
</tr>
</tbody>
</table>

### Assessed Coursework

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

A variety of activities will be assigned each week from weeks 3 to 12. Students will have a number of activities to complete each week prior to class including reading the chapter in the textbook, reading the lecture notes and completing CONNECT activities. Full details are available on the ACCG822 iLearn website.

**Submission**

Each activity worth 3% 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 disruption of studies is made and approved.

**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.

This Assessment Task relates to the following 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.

Report
Due: Week 7 (28th April)
Weighting: 30%

The assessment task is to write a fifteen (15) page report with scholarly references that will address a topic relating to social media and work (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 disruption of studies is made and approved. No submission will be accepted after solutions have been posted.

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

This Assessment Task relates to the following Learning Outcomes:
• Critically evaluate the correlation between business and technology including how business strategies and processes determine technology decisions.
• Discuss the issues relating to information ethics and privacy, including the implications for social media use.
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.

This Assessment Task relates to the following 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.

**Delivery and Resources**

**Classes**

This unit uses a blended learning approach. Students will be expected to read the textbook chapter, read lecture notes and complete activities prior to attending class.

There is one class per week (6pm to 9pm) that will consist of three (3) hours of interactive learning activities that will include group work, case studies and other activities. The timetables portal is available here: [http://timetables.mq.edu.au](http://timetables.mq.edu.au)

**Textbook**

[http://unitguides.mq.edu.au/unit_offerings/54731/unit_guide/print](http://unitguides.mq.edu.au/unit_offerings/54731/unit_guide/print)
There are three options available:

**Option A (HIGHLY RECOMMENDED):** Connect Plus with SmartBook & eBook (Including LearnSmart adaptive learning tool) **RRP $104.95** (http://www.mheducation.com.au/9781743760765-aus-connect-plus-online-access-for-business-driven-information-systems)

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

**Option C:** If you have the textbook from elsewhere, you can buy Connect with LearnSmart adaptive learning tool (without eBook) **RRP $37.95** (http://www.mheducation.com.au/9781743760758-aus-connect-online-access-for-business-driven-information-systems)

**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 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:

<table>
<thead>
<tr>
<th>Activities</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>1 Weekly Seminars</td>
<td>39</td>
</tr>
<tr>
<td>2 Weekly preparation including reading the textbook and lecture notes as well as assigned activities prior to class (approximately 5 hours per week)</td>
<td>65</td>
</tr>
<tr>
<td>3 Report</td>
<td>26</td>
</tr>
<tr>
<td>4 Revision/preparation for exam</td>
<td>20</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>150</strong></td>
</tr>
</tbody>
</table>
## Unit Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Business Information Systems</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>A Brave New Connected World - Chapter 2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>e-Business and mobile business</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>Decisions and Processes</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>Technical Fundamentals</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
<td>Systems Development and Project Management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Session Break</td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td>Enterprise Architecture and Security</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
<td>Quality Data and Business Intelligence</td>
</tr>
<tr>
<td>9</td>
<td>9</td>
<td>Enterprise Information Systems: ERP and SCM</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>Enterprise Information Systems: CRM and Collaboration Systems</td>
</tr>
<tr>
<td>11</td>
<td>11</td>
<td>Ethics, Privacy, Social Media and Future Trends</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>Research Article Review</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>Future of technology, revision</td>
</tr>
</tbody>
</table>

## 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:


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/](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/](http://students.mq.edu.au/support/)

**Learning Skills**

Learning Skills ([mq.edu.au/learningskills](http://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 Enquiry Service**

For all student enquiries, visit Student Connect at ask.mq.edu.au

**Equity 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.

[http://unitguides.mq.edu.au/unit_offers/54731/unit_guide](http://unitguides.mq.edu.au/unit_offers/54731/unit_guide)
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 - 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

• 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 - 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 outcome

• 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.

Assessment task

• 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 outcome

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

Assessment tasks

• Assessed Coursework
• Report
Changes from Previous Offering

The unit has an updated version of the textbook.

The unit has been redeveloped to a blended learning approach. Lecture notes will be expected to be read prior to class and the class will consist of more group activities and case studies, some of which will be part of continuous assessment.

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.

Changes since First Published

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21/02/2016</td>
<td>Graduate capabilities revised.</td>
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</tbody>
</table>