INFS1001  
Business Information Systems  
Semester 2 2014

Course Description  
This course aims to provide students from all business disciplines with a background of BIS. An understanding of BIS is important to the work of business professionals because BIS serves as a bridge between management and operation. For instance, accountants use information systems for business reporting; financial managers use information systems for market forecast; sales managers and marketers use information systems to track customer purchases and to promote new products; information systems designers build and deliver new information services; and executive managers use strategic information systems to support the firm’s strategic position.

<table>
<thead>
<tr>
<th>Semester and Year</th>
<th>S2 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mode of Delivery</td>
<td>On campus</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>Nil</td>
</tr>
<tr>
<td>Incompatible Courses</td>
<td>Nil</td>
</tr>
<tr>
<td>Course Convener</td>
<td>Professor Susanna Ho</td>
</tr>
<tr>
<td>Office Location:</td>
<td>PAP Morgan Room 2059</td>
</tr>
<tr>
<td>Phone:</td>
<td>(612) 61253589</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Susanna.Ho@anu.edu.au">Susanna.Ho@anu.edu.au</a></td>
</tr>
<tr>
<td>Consultation hours:</td>
<td>TBA</td>
</tr>
<tr>
<td>Bio and research interests</td>
<td>Susanna joined the Department in January 2008. She completed her PhD in the Hong Kong University of Science and Technology in 2004. Her doctoral dissertation examined how web personalization influences the behavior of online users and her current research portfolio reflects a continuing interest in this area. She worked in the University of Melbourne from August 2004 to December 2007. Her research focuses on the area of human computer interaction, electronic commerce, technology adoption, and electronic government.</td>
</tr>
</tbody>
</table>
COURSE OVERVIEW

Course Learning Outcomes
Upon successful completion of the requirements for this course, students will be able to:

- Understand the foundations of information systems
- Understand the business implications of using information systems
- Develop team, time management and researching skills
- Develop evaluation and critical analysis abilities

Research-Led Teaching
INFS1001 aims to prepare students to be a junior “researcher”. To achieve this aim, INFS1001 will adopt research-led teaching approach, which reflects and makes use of Professor Ho’s and Mr Kim’s disciplinary research to benefit student learning and outcomes.

The following activities help achieve the above aim.

- The tutorials will be discussion based. We select tutors with work experience and leverage their expertise to help students analyze technology business problems in industry.
- Students will be assigned to a group project on database design for a business case. In doing so, students will acquire critical analysis, teamwork and communication skills.

Continuous Improvement
We use feedback from students, professional bodies and staff to make regular improvements to the course. In response to this feedback, design improvements from the previous version of the course include:

- In Sem 2 2014, considering that students want to learn technology applications in industry, Professor Ho will co-teach INFS1001 with Mr Maverick Kim, who worked as a Senior Business Analyst at Telstra and is currently an Associate Director in KPMG.
- In Sem 2 2014, we will introduce new tutors with work experience to enrich the tutorials.
- In Sem 2 2014, we attempt to maximize the benefits from tutorials. We introduce an assessment (such as team discussion, teamwork and student presentation) in tutorials. It will contribute 8% of the overall INFS1001 assessment.

Co-teaching
The course will be co-taught by Professor Ho and Mr Kim. Professor Ho will deliver lectures on database design, and Mr Kim will delivery lectures on technology applications in industry.

Student Feedback
All CBE courses are evaluated using Student Experience of Learning and Teaching (SELT) surveys, administered by Planning and Statistical Services at the ANU. These surveys are offered online, and students will be notified via email to their ANU address when surveys are available in each course. Feedback is used for course development so please take the time to respond thoughtfully. Course feedback is anonymous and provides the Colleges, University Education Committee and Academic Board with opportunities to recognise
excellent teaching and to improve courses across the university. For more information on student surveys at ANU and reports on feedback provided on ANU courses, visit http://unistats.anu.edu.au/surveys/selt/students/ and http://unistats.anu.edu.au/surveys/selt/results/learning/

COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Summary of Activities</th>
<th>Readings</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Information Systems and You</td>
<td>Stairs: Ch 1, 2 &amp; 3</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Data, Information and Knowledge (Part 1)</td>
<td>Stairs: Ch 5</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Data, Information and Knowledge (Part 2)</td>
<td>Stairs: Ch 5</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Data, Information and Knowledge (Part 3)</td>
<td>Stairs: Ch 4 &amp; 6</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Software and Telecommunication</td>
<td>Stairs: Ch 4 &amp; 6</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Electronic and Mobile Commerce</td>
<td>Stairs: Ch 8</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Mid-term examination</td>
<td>-</td>
<td>Midterm exam: 12%</td>
</tr>
<tr>
<td>8</td>
<td>Enterprise Systems</td>
<td>Stairs: Ch 9</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Decision-Making Systems</td>
<td>Stairs: Ch 10</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Knowledge Management and Specialized Information Systems</td>
<td>Stairs: Ch 11</td>
<td>Group assignment 15%</td>
</tr>
<tr>
<td>11</td>
<td>Systems Development</td>
<td>Stairs: Ch 12 &amp; 13</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Personal and Social Impact of Computers</td>
<td>Stairs: Ch 14</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Course Revision</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

COURSE ASSESSMENT

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Value</th>
<th>Due Date</th>
<th>Linked Learning Outcomes (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Midterm Exam</td>
<td>12%</td>
<td>Week 7</td>
<td>• Understand the foundations of information systems&lt;br&gt;• Understand the business implications of using information systems&lt;br&gt;• Develop evaluation and critical analysis abilities</td>
</tr>
<tr>
<td>2</td>
<td>Group Assignment</td>
<td>15%</td>
<td>Week 10</td>
<td>• Understand the business implications of using information systems&lt;br&gt;• Develop team, time management and researching skills&lt;br&gt;• Develop evaluation and critical analysis abilities</td>
</tr>
<tr>
<td>3</td>
<td>Tutorial Participation</td>
<td>8%</td>
<td></td>
<td>• Understand the foundations of information systems&lt;br&gt;• Develop team and researching skills&lt;br&gt;• Develop evaluation and critical analysis abilities</td>
</tr>
<tr>
<td>4</td>
<td>Final Exam</td>
<td>65%</td>
<td></td>
<td>• Understand the foundations of information systems&lt;br&gt;• Understand the business implications of using information systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Develop evaluation and critical analysis abilities</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Assessment Task 1: Group Assignment
Details of task: to be announced in Week 3

Assignment Submission
Hard copy submission: All assignments must be submitted to the Student Office, Hanna Neumann Building 2nd Floor Room 2037 before the deadline. Assignments must include a cover sheet. Please keep a copy of tasks completed for your records.

Extensions and Penalties
No late assignments will be accepted. Also, there is always no extension of assignment deadlines. Start to work on the assignment earlier.

Returning Assignments
All assignments must be submitted to the Student Office, Hanna Neumann Building 2nd Floor Room 2037 before the deadline.

Examinations
It is a compulsory, closed-book examination.

Scaling
Your final mark for the course will be based on the raw marks allocated for each assignment or examination. However, your final mark may not be the same number as produced by that formula, as marks may be scaled. Any scaling applied will preserve the rank order of raw marks (i.e. if your raw mark exceeds that of another student, then your scaled mark will exceed or equal the scaled mark of that student), and may be either up or down.

Referencing Requirements
Refer to the RSABIS website: [https://policies.anu.edu.au/ppl/index.htm](https://policies.anu.edu.au/ppl/index.htm)

READING LISTS

TEXTS AND OTHER READING

Reading material will come from a variety of sources. We will use textbooks for core foundation and background material, and research and practitioner literature for grounding in breakthrough topics. The foundation text is:


You may find the following texts useful as support material. Most of these can be found either in Chifley Library, Hancock Library or the Co-op Bookshops. Latest editions are usually the best.

Applegate, L. M., Austin, R. D., McFarlan, F. W., Corporate Information Strategies and Management: Text and Cases, McGraw-Hill Publishers
Alter, S., Information Systems: Foundation of E-Business, Addison Wesley
McNurlin, B., Sprague, R., Information Systems Management, Prentice Hall
McKenna, B., Thomas, G., Waddell, N., Australian Guide to Corporate Communication: A Practical Handbook on Effective Writing and Speaking, Social Science Press, Australia
Mohan, T., McGregor, H., Saunders, S., Archee, R., Communicating as Professionals, Thomson

Magazines and Journals
Communications of the ACM (Hancock Library) Wired Magazine (National Institute of the Arts Library) The New Scientist (Hancock Library)
Websites and online references

TUTORIAL AND/OR SEMINAR REGISTRATION
Tutorial signup for this course will be done via the Wattle website. Detailed information about signup times will be provided on Wattle or during your first lecture. When tutorials are available for enrolment, follow these steps:

1. Log on to Wattle, and go to the course site.
2. Click on the link “Tutorial signup here”
3. On the right of the screen, click on the tab “Become Member of ……” for the tutorial class you wish to enter.
4. Confirm your choice

If you need to change your enrolment, you will be able to do so by clicking on the tab “Leave group...” and then re-enrol in another group. You will not be able to enrol in groups that have reached their maximum number. Please note that enrolment in ISIS must be finalised for you to have access to Wattle.

COMMUNICATION
Course lecturers and tutors will contact students on their official ANU student email address, as necessary. Check the Wattle site for course announcements, changes to timetables or notifications of cancellations. More information about this course may be found on:

- Study @ ANU,
- The College of Business and Economics website
- Students are advised of the examination time on the course website and on the RSABIS Office noticeboard
- The final examination timetable, when ready, will be available from: http://timetable.anu.edu.au/.

Email
If necessary, the lecturers and tutors for this course will contact students on their official ANU student email address. Information about your enrolment and fees from the Registrar and Student Services' office will also be sent to this email address.

Announcements
Students are expected to check the Wattle site for announcements about this course, e.g. changes to timetables or notifications of cancellations. Notifications of emergency cancellations of lectures or tutorials will be posted on the door of the relevant room.
Course URLs

More information about this course may be found on:

- Programs and Courses (http://programsandcourses.anu.edu.au/2014/Catalogue)
- The College of Business and Economics website (http://cbe.anu.edu/courses) and
- Wattle (https://wattle.anu.edu.au), the University's online learning environment. Log on to Wattle using your student number and your ISIS password.

POLICIES

The University offers a number of support services for students. Information on these is available online from http://students.anu.edu.au/studentlife/

ANU has educational policies, procedures and guidelines, which are designed to ensure that staff and students are aware of the University’s academic standards, and implement them. You can find the University’s education policies and an explanatory glossary at: http://policies.anu.edu.au/

Students are expected to have read the Student Academic Integrity Policy before the commencement of their course.

Other key policies include:

- Student Assessment (Coursework)
- Student Surveys and Evaluations
- Please visit the following links:
  http://policies.anu.edu.au/
  http://rsabis.anu.edu.au/rsabis/current-students/