MEETING TIMES

Course Delivery

We have two face to face lectures in this course. The first of these lectures will be held in the Haydon Allen Tank in Week 1, and the second in Week 13.

The course is designed around 11 online seminars via Wattle, assessment items and your own private study. You are expected to follow along with seminars throughout the course: I have designed the course modules so that the material is sequential. Interaction will take place through:

- Fortnightly workshop sessions
- Case study discussions on the Wattle site
- Weekly challenge task discussions on the Wattle site
- The general INFS1001 discussion forum on Wattle allows class members to ask questions and discuss course material.
- Email to the course coordinator can be used to ask questions and get support for course material.

CONTACT INFORMATION

Lecturer: Associate Professor Sigi Goode

Email: sigi.goode@anu.edu.au
Office: Copland Building Room 1119
Phone: 02 6125 5048

Bio and research interests

Sigi’s research interests lie in behavioural information security, (including software piracy, dark networks and cracking), online services and service failure, and open source software use.

Research School of Management: STUDENT OFFICE

Email: enquiries.rsm@anu.edu.au
Office: Room 1088, Level 1, LF Crisp Building 26
Website: https://www.rsm.anu.edu.au/
Phone:
02 6125 6737
02 6125 9839
This course aims to provide students from all business disciplines with a general 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 determine the company's strategic position. Mastering both business and technology skills and knowledge builds job opportunities, because they can better contribute to shaping their company’s strategy and operation.

Requisites

There are no prerequisites for this course but some knowledge of basic computer applications such as Windows XP, Word, Excel, and PowerPoint, coupled with the ability to use email and the Internet is essential.

LEARNING OUTCOMES

After studying this course, you are expected to attain proficiency in the following areas:

- Understand the foundations of information systems, and explain the reasons for the current design and use of information systems
- Understand and interpret the personal, social and business implications of using information systems
- Observe and explain the real-world use of information systems, citing practical examples
- Understand the basic principles of modelling information systems processes and outcomes
- Evaluate and critically analyse problems

SCHEDULE

Research-led Teaching

Students undertaking this course will learn many of the fundamental phenomena that underpin many theories of information systems research. Students will observe how these phenomena manifest themselves in real world activity, behaviour and interaction.

Continuous Improvement

I 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:

- Stronger online support
- Remastered audio in webcasts

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 information on student surveys at ANU and reports on feedback provided on ANU courses, visit [http://unistats.anu.edu.au/surveys/selt/students/](http://unistats.anu.edu.au/surveys/selt/students/) and [http://unistats.anu.edu.au/surveys/selt/results/learning/](http://unistats.anu.edu.au/surveys/selt/results/learning/)

<table>
<thead>
<tr>
<th>Date/Week beginning</th>
<th>Mode</th>
<th>Summary of Topics</th>
<th>Required readings</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In person</td>
<td>Course Introduction, Overview and Philosophy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Online</td>
<td>Information Systems Concepts</td>
<td>Stair and Reynolds, Ch. 1, 3, 4</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Online</td>
<td>Knowledge, Data and Information</td>
<td>Stair and Reynolds, Ch. 5, 11</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Online</td>
<td>Communication</td>
<td>Stair and Reynolds, Ch. 6, 7</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Online</td>
<td>Decisions and Decision Support</td>
<td>Stair and Reynolds, Ch. 10</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Online</td>
<td>Electronic Commerce</td>
<td>Stair and Reynolds, Ch. 8</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Online</td>
<td>Mobile Commerce</td>
<td>Stair and Reynolds, Ch. 8</td>
<td>Mid-semester Quiz</td>
</tr>
<tr>
<td>8</td>
<td>Online</td>
<td>Organisations and Enterprise Systems</td>
<td>Stair and Reynolds, Ch. 2, 9</td>
<td>Assignment due</td>
</tr>
<tr>
<td>9</td>
<td>Online</td>
<td>Interaction Design and Building (I)</td>
<td>Stair and Reynolds, Ch. 12</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Online</td>
<td>Interaction Design and Building (II)</td>
<td>Stair and Reynolds, Ch. 13</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Online</td>
<td>Security and Ethics</td>
<td>Stair and Reynolds, Ch. 14</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Online</td>
<td>Business Information Systems</td>
<td>TBA</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>In person</td>
<td>Conclusions and Summary</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Indicate Public Holidays
MATERIALS

Reading Lists

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.


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

- Association for Information Systems – http://www.aisnet.org
- Bartleby (full text reference books online) – http://www.bartleby.com/

ASSESSMENT OVERVIEW

Summary

<table>
<thead>
<tr>
<th>Type</th>
<th>Weight</th>
<th>Learning Outcome</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Challenge tasks</td>
<td>10%</td>
<td>1, 2, 3</td>
<td>Optional submission</td>
</tr>
<tr>
<td>Assignment</td>
<td>35%</td>
<td>2, 3, 5</td>
<td>Compulsory submission</td>
</tr>
<tr>
<td>Mid-semester quiz</td>
<td>15%</td>
<td>1, 2, 4, 5</td>
<td>Compulsory submission</td>
</tr>
<tr>
<td>Final examination</td>
<td>40%</td>
<td>1, 2, 4, 5</td>
<td>Compulsory submission</td>
</tr>
</tbody>
</table>

Grading Scale

(https://policies.anu.edu.au/ppl/document/ANUP_004603), the standards that apply to High Distinction, Distinction, Credit and Pass in all coursework courses are as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD</td>
<td>80-100%</td>
<td>Work of exceptional quality, as demonstrated in the attainment of learning outcomes at or above the relevant qualification level</td>
</tr>
<tr>
<td>D</td>
<td>70-79%</td>
<td>Work of superior quality, as demonstrated in the attainment of learning outcomes at or above the relevant qualification level</td>
</tr>
<tr>
<td>C</td>
<td>60-69%</td>
<td>Work of good quality, as demonstrated in the attainment of learning outcomes at or above the relevant qualification level</td>
</tr>
<tr>
<td>P</td>
<td>50-59%</td>
<td>Work of satisfactory quality, as demonstrated in the attainment of learning outcomes at or above the relevant qualification level</td>
</tr>
<tr>
<td>N</td>
<td>0-49%</td>
<td>Work in which the attainment of learning outcomes at or above the relevant qualification level has not been demonstrated</td>
</tr>
</tbody>
</table>

**ASSESSMENT ITEMS**

<table>
<thead>
<tr>
<th>Assessment item</th>
<th>Description</th>
<th>Submission Requirement</th>
<th>Weight (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Challenge Tasks</td>
<td>Each topic will have one challenge task, in which you are required to complete a small task and upload the result to Wattle and comment on the challenge task submissions of your classmates. This assessment item is optional. Each task is worth one mark, up to a maximum of 10 marks.</td>
<td>Optional</td>
<td>10</td>
</tr>
<tr>
<td>Assignment</td>
<td>There will be one assignment during the course. The assignment is submitted and graded electronically through Wattle. The assignment will be due in Week 8.</td>
<td>Compulsory</td>
<td>35</td>
</tr>
<tr>
<td>Mid-semester Quiz</td>
<td>A single, closed book quiz will be held during Week 7 of semester. This quiz will cover all material up to and including Week 6. Also, you will require a lead pencil.</td>
<td>Compulsory</td>
<td>15</td>
</tr>
<tr>
<td>Final Examination</td>
<td>A single, closed book examination, covering all course content, will be held during the end of semester examination period.</td>
<td>Compulsory</td>
<td>40</td>
</tr>
</tbody>
</table>
Learning Outcomes-Assessment

How well have you achieved the learning outcomes for this course? Your lecturer makes this judgement based on your assignments and examination papers. This table illustrates how each assessment item provides evidence about your achievements against each learning outcome.

<table>
<thead>
<tr>
<th>Course Learning Outcomes</th>
<th>Challenge Tasks</th>
<th>Assignment</th>
<th>Quiz and Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upon successful completion of the requirements for this course, students will be able to:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Understand the foundations of information systems, and explain the reasons for the current design and use of information systems</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Understand and interpret the personal, social and business implications of using information systems</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Observe and explain the real-world use of information systems, citing practical examples</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Understand the basic principles of modelling information systems processes and outcomes</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Evaluate and critically analyse problems</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

COURSE EXPECTATIONS

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.

Tutorial and/or Seminar registration

Tutorial and/or Seminar registration is done through the course Wattle page. Detailed information about sign-up times will be provided on Wattle or during the first lecture by the course convener.

When tutorials/seminars are available for enrolment:

1. Log-on to Wattle, and go to the course site.
2. Click on "Tutorial sign-up here" link
3. On the right of the screen, click "Become Member of ..." for the tutorial/seminar class you wish to enrol in.
4. Confirm your choice.

If you need to change your enrolment, click on the tab "Leave group..." and then re-enrol in another
Extensions and penalties


You may be granted extensions for assessment pieces that are not examinations or take-home examinations by applying for special consideration.

Late submission of assessment tasks without an extension are penalised at the rate of 5% of the possible marks available per working day or part thereof. Late submission of assessment tasks is not accepted 10 working days after the due date, or on or after the date specified in the course outline for the return of the assessment item.

If a course convener determines that late submission of assessment tasks is not accepted for a coursework course, this information is included in the course outline.

Special consideration for assessments

Students who are unable to submit their assessment by the due date may be eligible for an extension if supported by an Application for Special Consideration.


Special Consideration applications must be completed before the due date of the affected assessment. In exceptional circumstances applications for an extension may be accepted up to three working days after the due date of the affected assessment.

The application must include all supporting documentation and include a copy of as much of the assignment as has been completed by the due time and date.

Special consideration applications must be submitted online at special.consideration@anu.edu.au (cdn-cgi/l/email-protection#a3d0d3c6c0cac2cf8dc0ccdd0cac7c6d1c2d7caaccde3c2cdd68dc6c7d68dc2d6). You will be notified by your lecturer if an extension has been approved.

Identify your Assignment with your Student Number only

When submitting your assignment please ensure that it contains your student number in the file name and on the first page. Please do not put your name anywhere in your assignment.

Resubmission of assignments

You are allowed to resubmit your assignments before the specific deadlines. Any submission done after the deadline will be considered as a late submission and the above listed penalty conditions will apply.

Returning assignments
All assignments will be marked and where appropriate feedback will be provided either:

- in class, or
- in person by appointment with the course lecturer, or
- via the course Wattle site.

Referencing requirements

See any specific requirements under Assessment Items.

The Harvard or Oxford referencing styles are to be used. Links to documentation on proper referencing methods are available on the course website or from the ANU Library website: http://anulib.anu.edu.au/lib_home.html

Deferred examinations

A deferred examination is the sitting of an examination at a time other than the scheduled time/date.

Wherever possible a student should sit their examination at the prescribed time, and if necessary apply for special assessment consideration (http://www.anu.edu.au/students/program-administration/assessments-exams/special-assessment-consideration) for the marking of the examination. To apply for a deferred examination:

- Complete the form at http://www.anu.edu.au/students/program-administration/assessments-exams/deferred-examinations
- Scan and attach all supporting documentation
- Email to examinations.officer@anu.edu.au
- Submit completed application no later than three working days after the scheduled examination.

Decisions on applications relating to final examinations are made by the Examinations Office.

After receiving notification that a deferred examination has been granted, it is the responsibility of the student to confirm the date/time/location for that examination with the relevant ANU College or School.

Finalisation of Marks and Grades

Your final mark for the course will be based on the raw marks allocated for each of your assessment items. However, your final mark may not be the same number as produce 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 the scaled mark of that student), and may be either up or down.

Use of Assignments as exemplars and grade moderation

An important resource for enhancing educational quality is a stock of student work which can be de-identified and used as exemplars for future students in ANU courses, and for grade moderation exercises for teaching staff. If you do not wish your assignment to be used for such purposes please include a note to that effect on the front page of the assignment.
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/ (http://policies.anu.edu.au/)

Key policies include:

- Code of Practice for Student Academic Integrity
- Student Assessment (Coursework) Policy and Procedure
- Undergraduate Award Rules
- Graduate Award Rules
- Student Surveys and Evaluations Policy

### Academic Integrity

Students are expected to have read the ANU's Code of Practice for Student Academic Integrity before the commencement of their course. (https://policies.anu.edu.au/ppl/document/ANUP_000392)

The following is an extract from the Code of Practice for Student Academic Integrity:

Any work by a student of the Australian National University must be work:

- that is original
- that is produced for the purposes of a particular assessment task
- that gives appropriate acknowledgement of the ideas, scholarship and intellectual property of others insofar as these have been used.

It is the responsibility of each individual student to ensure that:

- they are familiar with the expectations for academic integrity both in general, and in the specific context of particular disciplines or courses
- work submitted for assessment is genuine and original
- appropriate acknowledgement and citation is given to the work of others
- they declare their understanding of and compliance with the principles of academic integrity on appropriate pro formas and cover sheets as required by the academic area, or by a statement prefacing or attached to a thesis
- they do not knowingly assist other students in academically dishonest practice.

All breaches, careless or deliberate, are addressed. Careless breaches are addressed through academic penalties, such as deduction of marks and resubmission. Deliberate breaches are subject to action under the Discipline Rules of the ANU (http://about.anu.edu.au/__documents/rules/disciplinerules.pdf).

Penalties for a deliberate breach may include failing the piece of work involved, failing the course, or having candidature terminated.

Further information can be found at http://academichonesty.anu.edu.au/ (http://academichonesty.anu.edu.au/)

### Assessment Requirements

Where possible, assessment items are submitted online through Turnitin. The ANU is using Turnitin to enhance student citation and referencing techniques, and to assess assignment submissions as a component of the University’s approach to managing Academic Integrity.

For additional information regarding Turnitin please visit the ANU Online website (http://online.anu.edu.au/help_support/turnitin).
Student Feedback

ANU is committed to the demonstration of educational excellence and regularly seeks feedback from students. One of the key formal ways students have to provide feedback is through Student Experience of Learning Support (SELS) surveys. The feedback given in these surveys is anonymous and provides the Colleges, University Education Committee and Academic Board with opportunities to recognise excellent teaching, and opportunities for improvement.

For more information on student surveys at ANU and reports on the feedback provided on ANU courses, go to http://unistats.anu.edu.au/surveys/selt/students/ and http://unistats.anu.edu.au/surveys/selt/results/learning/.

Student Support Services

Students experiencing academic or personal problems are welcome to discuss these with any member of the Faculty or to utilise the ANU’s student support services links to which can be found at http://students.anu.edu.au/, including:

- Academic Skills and Learning Centre at https://academicskills.anu.edu.au/
- the Counselling Centre at http://counselling.anu.edu.au/

Library

- Information about the library can be found at http://anulib.anu.edu.au/
- Opening hours can be accessed at http://anulib.anu.edu.au/using-the-library/opening-hours/
- For free training in information skills and computer skills see http://anulib.anu.edu.au/research-learn/