
SISAT

School of Information Systems & Technology
Faculty of Informatics

ISIT900 Fundamentals of Contemporary Technologies
Subject Outline
Spring Session 2009

Head of School –Associate Professor Peter Hyland, Student Resource Centre, Tel: (02) 4221 3606

GENERAL INFORMATION

Subject Coordinator

Telephone Number: 4221 5603
Email: holly@uow.edu.au
Location: 39.222

Dr Tootell's consultation times during session:

Monday	10:30am – 12:30pm
Tuesday	9:30am – 10:30am
Tuesday	1:30pm – 2:30pm

Lecturer

Telephone Number: 4221 4142
Email: win@uow.edu.au
Location: 39.224

Dr Win's consultation times during session:

Day	Time
Wednesday	11:30am – 1:30 pm
Thursday	9:00am – 11:00am

Subject Organisation

Session: Spring Session, Wollongong Campus
Credit Points: 6 credit points
Contact hours per week: 2hr lectures, 2hr tut
Lecture Times & Location: Tuesday 10:30 AM – 12:30 PM 38-G01
Tutorial Day, Time and Location can be found at: <http://www.uow.edu.au/student/timetables/index.html>

Students should check the subject's web site regularly as important information, including details of unavoidable changes in assessment requirements will be posted from time to time via e-Learning space <http://www.uow.edu.au/student/>. Any information posted to the web site is deemed to have been notified to all students.

Subject Description

This subject aims to develop academic skills relevant to postgraduate studies and postgraduate writing in Information Technology and Information Systems. Students will develop an understanding of disciplinary expectations and requirements and the development of skills in critical listening, reading and analysis of text and data, the development of academic argument and the communication of text,

data and analysis in written and spoken form. Students will also develop skills in locating, evaluating, and effectively using information appropriately in postgraduate studies. Topics covered include; Critical reading in software engineering, network management, multimedia and content management, Analysis and evaluation of problems and solutions in Information Systems and Information Technology.

Subject Objectives

On successful completion, students will be able to:

1. Describe the current major business applications & critically assess their suitability for specific business environments.
2. Describe current software development methods & tools & critically assess their suitability for specific development environments.
3. Describe recent developments in networking & telecommunications & critically assess their suitability for various personal, business & organisational settings.
4. Describe recent developments in computer operating systems, computers, & other computerised devices & critically assess their suitability for a variety of uses.
5. Critically evaluate the impact of ICT on individuals, businesses & on society.
6. Identify & use a variety of writing styles commonly used in PG studies in IT & IS.
7. Access information & sources efficiently.
8. Critically evaluate whether generalisations are warranted & demonstrate the ability to assess the plausibility of conceptual arguments.

Graduate Qualities

This subject will continue to the following graduate qualities:

- Informed
- Problem solvers
- Effective communicators
- Responsible
- Teamwork

Further information can be found at:

<http://www.uow.edu.au/informatics/sisat/current/SubjectInformation/UOW051055.html>

Attendance Requirements:

It is the responsibility of students to attend all lectures/tutorials/labs/seminars/ practical work for subjects for which you are enrolled. It should be noted that the amount of time spent on each 6 credit point subject should be at least 12 hours per week, which includes lectures/tutorials/labs etc.

Satisfactory attendance is deemed by the University, to be attendance at approximately 80% of the allocated contact hours.

Students **MUST** attend their **allocated** tutorial unless they have the written permission of the subject coordinator.

Method of Presentation:

In order to maximize learning outcomes, it is strongly recommended that students attend all lectures.

Lecture Schedule: A proposed Lecture schedule for the subject is as follows:

Week	Lecture Topic	Tutorial	Reading
1	Introduction	No Tutorial	1, 2 & 3
2	Plagiarism	Introduction	4
3	Endnote/ Group Skills	Academic Writing	
4	Software Applications	Writing task	5,6 &7
5	Business Applications	Group Formation & Activities	8,9,10 &11
6	Critical Thinking	Business Process Quiz	16, 17 & 18
7	Presentation	Critical Tutorial	15
8	Software Development	Reports	12
9	Computer Systems	Writing Task	13
10	Networking Environment: Local	Text Review	14
11	Networking Environment: Wide:	Group Report Presentations	
12	Essays Vs. Reports Review	Group Report Presentations	
13	Final Overview	No Tutorial	

Changes to the above schedule will be posted via e-Learning space <http://www.uow.edu.au/student/>. Any information posted to the web site is deemed to have been notified to all students.

Subject Materials:

Any readings/references are recommended only and are not intended to be an exhaustive list. Students are encouraged to use the library catalogue and databases to locate additional readings

Textbook(s):

2008, *ISIT900 Fundamentals of Contemporary Technologies for University of Wollongong*, 1st edition, P. McFarlane (ed.) Cengage Learning – Custom Publishing, Melbourne.

Other Resources:

- Craswell, Gail (2005) *Writing for academic success: a postgraduate guide* (Library Call No - 808.066/67)
- Hart, Chris (1998) *Doing a literature review: releasing the social science research imagination* (Library Call No - 300.72/187)
- McLaren, Stephen (1997) *Easy writer: A Student Guide to Writing Essays and Reports* (Library Call No - 808.042/158)
- McLaren, Stephen (2003) *Writing essays and reports* (Library Call No - 808.02/140)
- Paul, Richard (2002) *Critical thinking [electronic resource]: tools for taking charge of your professional and personal life*, Available through Safari Tech Books online

Assessment:

This subject has the following assessment components.

ASSESSMENT ITEMS & FORMAT	% OF FINAL MARK	GROUP/ INDIVIDUAL	DUE DATE
Writing Task	10%	Individual	Week 4 conducted in tutorial
Business Processes Quiz	10%	Individual	Week 6 conducted in tutorial
EndNote Annotations	25%	Individual	Week 9 (hardcopy to tutor, softcopy to be uploaded to UOW e-Learning, Monday 2359hrs)
Group Report	25%	Group	Week 11 (hardcopy to tutor, softcopy to be uploaded to Turnit in by, Monday 2359hrs)
Group Presentation	20%	Group	Presentations in week 11 and 12
Individual Reflection	10%	Individual	Week 13 (hardcopy to lecturer, softcopy to be

Notes on Assessment:

All assignments are expected to be completed independently. Plagiarism may result in a FAIL grade being recorded for that assignment.

- Detailed instructions for assignments will be placed on UOW e-Learning in a file titled: "ISIT900 Assessment Guide - 2009".
- All assessment work is to be submitted during your allocated tutorial unless otherwise noted.
- If you cannot submit an assessment item during your tutorial then it must be submitted to the subject coordinator as soon as possible. Late submission of assessment items MUST be accompanied by a student academic consideration application via SOLS.
- Student Academic Consideration requests will only be processed by the lecturer.
- All submissions must be accompanied by an Assignment Cover Sheet. This is available in hard copy from the student enquiry centre in building 3.
- Individual marks may be awarded for group work based on an individual's performance.

Electronic Submission of Assessment Items:

Unless otherwise notified by the subject coordinator, all written assignments must be submitted electronically.

Submission of assessment items via email will not be accepted.

Other Procedures for the submission of assessment items:

In addition to electronic submission students are required to submit assignments in hard copy to their tutor.

Procedures for the return of assessment items:

All assignments will be returned within 2 weeks of their submission, except for the final group report which will be available for collection at the conclusion of the examination period.

Penalties for late submission of assessment items:

Penalties apply to all late work, except if student academic consideration has been granted. Late submissions will attract a penalty of 10% of the assessment mark. This amount is per day including weekends.

Tutorial/Lab Closure Policy

If for any reason, the number of students in a tutorial or lab falls below a sustainable enrolment level, as determined by the Head of School, tutorials/labs offered for that subject may be collapsed or deleted.

You will have to attend the new tutorials/lab if this closure affects the one you are attending.

We will endeavour to make this decision no later than Week 4 of session.

Supplementary Exams

Supplementary Exams will be dealt with in accordance with student academic consideration policy (<http://www.uow.edu.au/about/policy/studentacademicconsiderationpolicy.pdf>) 9.2 Timing of Supplementary Exams.

While the School normally grants supplementary exams when the student does not sit the standard exam for an acceptable reason, each case will be assessed on its own merit and there is no guarantee a supplementary exam will be granted. If a supplementary exam is granted, you will normally be notified via SOLS Mail the time and date of this supplementary exam. You must follow the instructions given in the email message.

Please note that if this is your last session and you are granted a supplementary exam, be aware that your results will not be processed in time to meet the graduation deadline.

Student Academic Consideration Policy

The School recognises that it has a responsibility to ensure equity and consistency across its subjects for all students. Sometimes, in exceptional circumstances, students need to apply for student academic consideration in order to complete all assessable work.

The University applies strict criteria to the granting of student academic consideration. Before applying for student academic consideration, students should carefully read the University's policy which can be found at: <http://www.uow.edu.au/about/policy/studentacademicconsiderationpolicy.pdf>.

Plagiarism

When you submit an assessment task, you are declaring the following

1. It is your own work and you did not collaborate with or copy from others.
2. You have read and understand your responsibilities under the University of Wollongong's policy on plagiarism.
3. You have not plagiarised from published work (including the internet). Where you have used the work from others, you have referenced it in the text and provided a reference list at the end of the assignment.

Students must remember that:

Plagiarism will not be tolerated.

Students are responsible for submitting original work for assessment, without plagiarising or cheating, abiding by the University's policies on Plagiarism as set out in the University Handbook under University Policy Directory and in Faculty handbooks and subject guides. Plagiarism has led to the expulsion from the University.

Student Academic Grievance Policy

The School aims to provide a fair, equitable and productive learning environment for all its students. The Student Academic Grievance Policy seeks to support the achievement of this goal by providing a transparent and consistent process for resolving student academic grievances.

Any student who has a grievance over a result should obtain a Faculty of Informatics Appeal Against Decision or Action Affecting Academic Experience form from the Informatics Student Enquiry Centre. (<http://www.uow.edu.au/content/groups/public/@web/@inf/@faculty/documents/doc/uow017433.pdf>) The student should firstly take the form to the marker/lecturer to discuss the matter and, if the student is still not satisfied, s/he should take the next step as outlined on the form.

Once the grievance has been considered by the Faculty, if the student still feels the situation has not been fully resolved s/he may consult the Dean of Students. However, the Dean of Students can have no input into the academic judgment of the lecturer and can only review the grievance to ensure proper procedure has been followed.

Relevant University Policies, procedures and students services:

For more information students must refer to the Faculty handbook, online references or consult the UOW policy in full at <http://www.uow.edu.au/handbook/courserules/studacgrievpol.html> which contains a range of policies on educational issues and student matters.

This outline should be read in conjunction with the following documents:

Code of Practice - Teaching and Assessment http://www.uow.edu.au/handbook/codesofprac/teaching_code.pdf	Code of Practice - Students http://www.uow.edu.au/handbook/codesofprac/cop_students.html
Code of Practice-Honours http://www.uow.edu.au/handbook/CodeofPractice-Honours.pdf	Acknowledgement Practice Plagiarism will not be tolerated: http://www.uow.edu.au/handbook/courserules/plagiarism.html
Key Dates http://www.uow.edu.au/student/dates.html	Student Academic Consideration Policy: http://www.uow.edu.au/about/policy/studentacademicconsiderationpolicy.pdf
Course Progress Requirements: http://www.uow.edu.au/student/mrp/index.html	Graduate Qualities Policy: http://www.uow.edu.au/about/teaching/qualities/index.html#_The_new_UOW
Academic Grievance Policy (Coursework and Honours students) http://www.uow.edu.au/handbook/courserules/studacgrievpol.html	Non-Discriminatory Language Practice and Presentation http://staff.uow.edu.au/eed/nondiscrimlanguage.html
Occupational Health and Safety http://www.uow.edu.au/about/policy/ohs.html	Ownership of Work & Intellectual Property Policy: http://www.uow.edu.au/handbook/generalcourserules/UOW028651.html
Human Research Ethics Committee: http://www.uow.edu.au/research/rso/ethics/human/	Rules for student conduct: http://www.uow.edu.au/handbook/generalrules/StudentConductRules.pdf
Independent Learners' Introductory Program http://www.uow.edu.au/student/attributes/ilip/	Informatics Faculty Librarian, Ms Annette Meldrum, phone: 4221 4637, email: ameldrum@uow.edu.au
Student Support Services: http://www.uow.edu.au/student/services/ Informatics Faculty SEDLO (Student Equity and Diversity Liaison Officers) Virginie Schmelitschek, phone 4221 3833, virginie@uow.edu.au	SISAT Internet Access & Student Resource Centre http://www.uow.edu.au/informatics/sisat/current/uow024466.html
SISAT Computer Usage Rules http://www.uow.edu.au/informatics/sisat/current/uow024457.html	SISAT Subject Outlines http://www.uow.edu.au/informatics/sisat/current/UOW055502.html