

Information Technology Project 7164

Unit Outline 2009

Faculty of Information Sciences & Engineering

University of Canberra

*Australian Government Higher Education (CRICOS)
Registered Provider number: #00212K*

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This Unit Outline must be read in conjunction with:

- a) *Studying at the University of Canberra: A Guide to Policies and Procedures* which sets out University-wide policies and procedures, including information on matters such as plagiarism, grade descriptors, moderation, feedback and deferred exams, and is available at <http://www.canberra.edu.au/student-services>
- b) *Guide to Student Services at the University of Canberra*, and is available at <http://www.canberra.edu.au/student-services>
- c) Any additional information specified in section 6f.

1: General Information

1a. Unit title Information Technology Project

1b. Unit number 7164

1c. Semester and year offered Semester 1 2009

1d. Credit point value 6 1e. Unit level 3

1f. Name of Unit Convenor and contact details

Unit convenor, lecturer and tutor:

Avon Richards-Smith, ph 6201 2151, Room 11A21, Box 108 on Level A of Bldg 11

-- Avon.Richards-Smith@canberra.edu.au ---

Moderator:

Charles Pfohl, Room 11A22, ph 6201 2429 Charles.Pfohl@canberra.edu.au

The URL for the School of Information Sciences and Engineering is:

<http://www.canberra.edu.au/faculties/ise/>

1g Administrative contact details (including name, location, telephone and email)

School of ISE Office Contact:

Room: 11B14
Phone: (02) 6201 2417 or 6201 2153
Fax: (02) 6201 5231
Email: ise@canberra.edu.au

2: Academic Content

2a. Unit description and learning outcomes

Syllabus

This unit brings to a conclusion a major systems development project. Students are expected to demonstrate a capacity to work in the computing field at a professional level. Students will study the social, legal and ethical environment of systems and their development.

Learning Outcomes

On successful completion of this unit students will be able to work in a team to analyse, design and implement a substantial practical project; and understand and be able to apply software engineering and software quality assurance principles in a professional, responsible manner.

2b. Prerequisites and/or co-requisites

All of the following are required: Systems Project and Quality Management or Software Engineering Practice; Web Design and Programming, Object-Oriented Software Design.

3: Delivery of Unit and Timetable

3a. Delivery mode

Traditional mode; that is, on-campus, in a standard semester. Up to 300 hours total workload, including up to 52 hours of class contact per semester.

3b. Schedule of topics/lectures/tutorials/practicals by week

The UC timetable shows Lecture and Tutorial times. The schedule of lecture topics will be published in a separate document on the unit website. As this is a project unit, the content and emphasis of the lecture material will be adjusted to match the progress of the projects.

4: Unit Resources

4a. List of text/readings

Text

Textbook: There is no set text. As this is a capstone unit in the course, all of the textbooks prescribed for preceding units will no doubt be useful.

4b. Materials and equipment

No special requirements. Students may use the School's computing laboratory resources.

4c. Unit Website

The unit website is <http://learnonline.canberra.edu.au/studentSupport.php>

5: Assessment

5a. Assessment overview

Assessment Item (including exams held in the exam period)	Due Date of Assignments	Weighting (to equal 100%)
Project	Friday 5 June 2009	45%
Debriefing	Friday 12 June 2009	10%
Project Contribution	Continuous	15%
Examination	UC published date	30%

5b. Details of each assessment item

1. The Project (45%)

The project team's processes and deliverables will be assessed for evidence of a professional, managed approach to the development and deployment of an effective computer-based project. Other factors including project complexity and student creativity and acumen may be taken into account. Each group member will receive the same mark for the project. Your project will be presented in week 16. Your group must submit a Project Report, reflecting on your group work – what the group feels worked well, what could be improved. To support the development of this report you should keep a group journal and, for example, write a review of each group meeting considering what worked well in that meeting and what did not go well and what the group could do to work better together and ensure that everyone contributes in an equitable manner.

2. Confidential Debriefing Report (10%)

In this report you will reflect upon your group project and the contributions made by yourself and every other group member to the project's outcome. It provides evidence of you as an insightful IT practitioner.

3. Project Contribution (15%)

This is an assessment by your tutor of your performance throughout the semester.

4. Examination (30%)

The 3 hour examination will be held in the exam period at the end of the semester. The examination is intended to explore your understanding of the key concepts covered during the unit and how you applied them in your project work. The examination will be closed book.

5c. Special assessment requirements

Assessment requirements:

1. The lecturer/tutor reserves the right to question students orally on any of their submitted work or assessment items.
2. In order to pass this unit, students will need to obtain a mark of 50% or greater for the assessment as a whole, 50% or greater for the final examination, and 50% or greater for the project components. Once you have met the conditions for a pass, higher grades will be awarded on the basis of an overall result of at least 65% for a credit, at least 75% for a distinction and at least 85% for a high distinction.

3. In all cases, grades in this unit will be awarded solely on the basis of academic merit. The actual performance of the student in this unit will therefore be the only determinant of grade. The normal exigencies of university life, such as administrative deficiencies or oversights, resource malfunctions or workloads in other units will not be a factor in determination of grades in this unit.
4. If there is any doubt with regard to the requirements of any assessment item, the onus lies with the student to obtain information from the unit convenor. Tutors should be, however, the first point of contact in these matters.

Referencing requirements:

All work quoted from other written sources should be appropriately referenced using the "author-date" (Harvard) style. This style is described in detail (including electronic sources) in the Academic Integrity module available at:

<http://community.ise.canberra.edu.au/AIM/?index.htm>

Late penalties:

Students will be expected to make arrangements with their tutor in advance of the due date for assignments if they expect to be submitting them late. Unless appropriate arrangements have been made, supported by an appropriate valid reason, late submissions will attract a penalty of 5% per day or 25% per week.

Submitted Material:

Students are required to keep a copy of all submissions.

5d. Supplementary assessment

There will be no supplementary examination in this unit.

5e. Text-matching software

Nil.

6: Student Responsibility

6a. Workload

The amount of time you will need to spend on study in this unit will depend on a number of factors including your prior knowledge, learning skill level and learning style.

Nevertheless, in planning your time commitments you should note that for 3cp units, the total notional workload over the fifteen-week semester is assumed to be 150 hours or an average of 10 hours per week. These hours include time spent in classes. The total workload for Units of different credit point value should vary proportionally. For example, for a 6cp Unit the total notional workload over a fifteen week semester is assumed to be 300 hours or an average of 20 hours per week.

6b. Special Needs

Students who need assistance in undertaking the unit because of disability or other circumstances should inform the Disabilities Office as soon as possible so the necessary arrangements can be made.

6c. Attendance requirements

Attendance at lectures is not compulsory and you may choose to not attend, but you do so at your own risk. Attendance at tutorials is required as these include formal presentations to your tutor of progress in your project. You would be wise to also treat group meetings as requiring compulsory attendance. The subject will be examined on material covered in classes, including lectures and tutorials and it is the individual student's responsibility to ensure that they are sufficiently familiar with this material. Attendance at classes is one of the best ways of ensuring this familiarity. While some of the lecture notes and course materials are available, these generally represent just broad outlines of the lecture and tutorial material. Do not make the mistake of assuming that the materials perfectly substitute for class attendance.

6d. Required IT skills

As ITP is the capstone unit in a computing degree, you had better know a lot about IT.

6e. Costs

No additional costs will be incurred by students undertaking this unit apart from the normal costs of being a university student.

6f. Additional information

Announcements made at lectures or tutorials are deemed to be made to the whole group. Documents published on the unit website are also deemed to be announcements to the whole group.

7: Student Feedback

All students enrolled in this Unit will have an opportunity to provide anonymous feedback on the Unit at the end of the Semester via the Unit Satisfaction Survey which will be presented to you on OSIS. Your lecturer or tutor may also invite you to provide more detailed feedback on their teaching through an anonymous in-class questionnaire administered through the University's Teaching and Learning Centre (TLC).

8: Authority of this Unit Outline

Any change to the information contained in Section 2 (Academic content) and Section 5 (Assessment) of this document, will only be made by the Unit Convener if the written agreement of staff and a majority of students has been obtained; and if written advice of the change is then forwarded to each student enrolled in the Unit at their registered term address. Any individual student who believes him/herself to be disadvantaged by a change is encouraged to discuss the matter with the Unit Convener.

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