Description: Software Engineering Project A

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
<th>Campus</th>
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<tbody>
<tr>
<td>CSC</td>
<td>3414</td>
<td>40362</td>
<td>1, 2005</td>
<td>ONC</td>
<td>1.00</td>
<td>Toowoomba</td>
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Academic group: FOSCI
Academic org: FOS003
Student contribution band: 2
ASCED code: 029999

STAFFING
Examiner: Khaleel Petrus
Moderator: Richard Watson

REQUISITES
Pre-requisite: CSC2407

RATIONALE
This course, in conjunction with Software Engineering Project B (course code CSC3415), is designed to provide students with practice in bringing together the skills they have acquired during the program for the solution of problems of a kind they are likely to face in their subsequent employment. It also provides students with practice in oral and written communication. This course focuses on the design and modelling phases of a significant software development project.

SYNOPSIS
This course is the confluence of the knowledge and skills acquired in most other courses of the major. By undertaking the design of a large software application, students develop their skills and professional practices. There will be particular emphasis on the use of modern tools and notations for software design and construction, and regular reporting.

OBJECTIVES
On successful completion of this course students will be able to:

1. carry out a major software design project;
2. describe their work and communicate their results, both orally and in writing;
3. use modern software engineering techniques and tools in all aspects of the software project design phase.
TOPICS

<table>
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<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tr>
<td>Students will develop detailed design specifications in relation to the case study given to them.</td>
<td>100.00</td>
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TEXT and MATERIALS required to be PURCHASED or ACCESSED

ALL textbooks and materials are available for purchase from USQ BOOKSHOP (unless otherwise stated). Orders may be placed via secure internet, free fax 1800642453, phone 07 46312742 (within Australia), or mail. Overseas students should fax +61 7 46311743, or phone +61 7 46312742. For costs, further details, and internet ordering, use the 'Textbook Search' facility at http://bookshop.usq.edu.au click 'Semester', then enter your 'Course Code' (no spaces).

REFERENCE MATERIALS

Reference materials are materials that, if accessed by students, may improve their knowledge and understanding of the material in the course and enrich their learning experience.


STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
</tr>
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<tbody>
<tr>
<td>Project Work</td>
<td>160.00</td>
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ASSESSMENT DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks out of</th>
<th>Wtg(%)</th>
<th>Due date</th>
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<tbody>
<tr>
<td>ASSIGNMENT 1</td>
<td>50.00</td>
<td>50.00</td>
<td>15 Apr 2005</td>
</tr>
<tr>
<td>ASSIGNMENT 2</td>
<td>50.00</td>
<td>50.00</td>
<td>14 Jun 2005</td>
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</table>
IMPORTANT ASSESSMENT INFORMATION

1 Attendance requirements:
It is the students' responsibility to attend and participate appropriately in all activities (such as lectures, tutorials, laboratories and practical work) scheduled for them, and to study all material provided to them or required to be accessed by them to maximise their chance of meeting the objectives of the course and to be informed of course-related activities and administration.

2 Requirements for students to complete each assessment item satisfactorily:
To complete each of the assignments satisfactorily, students must obtain at least 50% for each assignment.

3 Penalties for late submission of required work:
If students submit assignments after the due date without prior approval then a penalty of 10% of the total marks gained by the student for the assignment will apply for each working day late.

4 Requirements for student to be awarded a passing grade in the course:
To be assured of a passing grade, students must demonstrate, via the summative assessment items, that they have achieved the required minimum standards in relation to the objectives of the course by: (1) submitting all summative assessment items; and (2) gaining at least 50% of the marks available for each summative assessment item.

5 Method used to combine assessment results to attain final grade:
The final grades for students will be assigned on the basis of the weighted aggregate of the grades obtained for each of the summative assessment items in the course.

6 Examination information:
There is no examination in this course.

7 Examination period when Deferred/Supplementary examinations will be held:
There will be no Deferred or Supplementary examinations in this course.

8 University Regulations:
Students should read USQ Regulations 5.1 Definitions, 5.6. Assessment, and 5.10 Academic Misconduct for further information and to avoid actions which might contravene University Regulations. These regulations can be found at the URL http://www.usq.edu.au/corporateservices/calendar/part5.htm or in the current USQ Handbook.

ASSESSMENT NOTES

9 The due date for an assignment is the date by which a student must despatch the assignment to the USQ. The onus is on the student to provide proof of the despatch date, if requested by the Examiner.

10 Students may be required to provide a copy of assignments submitted for assessment purposes. Such copies should be despatched to the USQ within 24 hours of receipt of a request to do so.

11 In accordance with University policy, the Examiner may grant an extension of the due date of an assignment in extenuating circumstances.