The University of Southern Queensland

Course Specification

Description: MComp Project B

<table>
<thead>
<tr>
<th>Subject</th>
<th>Cat-Nbr</th>
<th>Class</th>
<th>Term</th>
<th>Mode</th>
<th>Units</th>
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<tr>
<td>CSC</td>
<td>8405</td>
<td>24459</td>
<td>2, 2003</td>
<td>ONC</td>
<td>2.00</td>
<td>TW MBA</td>
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Academic Group: FOSCI
Academic Org: FOS003
HECS Band: 2
ASCED Code: 029999

STAFFING
Examiner: Ron Addie
Moderator: Zhongwei Zhang

PRE-REQUISITES
Pre-requisite: CSC8404

RATIONALE
An in-depth project and dissertation on a specialised research topic are necessary to prepare graduates for further research and responsible jobs in computing and its applications. This course, in conjunction with CSC8404, enables students to develop and use research capability and an advanced level of computer science skills.

SYNOPSIS
This course forms the final part of the research component of the MComp programme. From the foundation established in CSC8404, students will complete a selected project in computer science with the supervision of appropriate staff from the Department of Mathematics and Computing.

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

- demonstrate the ability to keep abreast of developments in computer science.
- demonstrate the ability to execute and refine a selected research investigation.
- demonstrate the ability to develop higher level computer science skills which include the analysis, synthesis and evaluation of factors involved in the investigation of the research topic.
- demonstrate the ability to complete an extensive research based investigation and to evaluate the results.
• effectively document and communicate the results of the investigation and the methods used in a dissertation.

**TOPICS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Weighting (%)</th>
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<tr>
<td>1. Candidates will finalise and report on their investigation of the approved research topic.</td>
<td>100.00</td>
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</table>

**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.

Appropriate material from: books, monographs, journals and conference proceedings, computer software and material from electronic sources.

**STUDENT WORKLOAD REQUIREMENTS**

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>Project Work</td>
<td>310</td>
</tr>
<tr>
<td>Supervisor</td>
<td>30</td>
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<tr>
<td>Consultation</td>
<td></td>
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**ASSESSMENT DETAILS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Marks Out of</th>
<th>Wtg(%)</th>
<th>Required</th>
<th>Due Date</th>
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<tr>
<td>LITERATURE &amp; RESOURCE SURVEY</td>
<td>1.00</td>
<td>0.00</td>
<td>Y</td>
<td>22 Jul 2003</td>
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<tr>
<td>(see note )</td>
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<td>FINAL SEMINAR</td>
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<td>DISSERTATION</td>
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<td>(see note )</td>
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**NOTES:**

1. Refer to the Examiner for information about assignment due dates.
2. See Note 1
3. See Note 1

**IMPORTANT ASSESSMENT INFORMATION**

1. Attendance requirements:
   It is the students' responsibility to maintain regular contact with their supervisor 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 assessment items satisfactorily, students must obtain at least 50% of the marks available for each assessment item.

3 Penalties for late submission of required work:
Non-submission of assessment items by due dates set by their supervisor, or as amended in consultation with their supervisor, may lead to students being awarded a Failing grade for the course.

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:
Two Examiners will be nominated by the Research and Postgraduate Coordinator to assess one or more students’ dissertations and final seminar. The Examiners, who must be present at the seminar, will independently assess the seminar and dissertation in the following aspects: Understanding of literature and content for this work; Explanation of literature and content and adequacy of citations; Difficulty of the task undertaken by the student; Contribution to the subject by the student; and Quality of presentation. Each of these aspects will be given a mark in the range 0-20 and the final mark will be obtained by adding these together. The Examiners will then meet and determine a final grade. Where the Examiners cannot reach a consensus, the procedure in USQ Regulation 5.13 Master of Philosophy 14. Lack of consensus between Examiners will be followed except that the third Examiner may be an internal Examiner other than the student's supervisor and the process will be arranged by the Department of Mathematics and Computing. The final grades for students will be assigned on the basis of the weighted aggregate of the marks obtained for each of the summative assessment items in the course. The grade awarded for this course will also be awarded for the Course CSC8404 MComp Project A.

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/SECARIAT/calendar/Part5/ or in the printed version of the current USQ Handbook.

ASSESSMENT NOTES

9 Students must retain a copy of each item submitted for assessment. If requested, students will be required to provide a copy of assignments submitted for assessment
purposes. Such copies should be despatched to USQ within 24 hours of receipt of a request being made.

OTHER REQUIREMENTS

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

2 The dissertation will be assessed on the demonstrated quality of: incorporation of established knowledge; assimilation of research literature; scientific techniques; innovation; and technical writing.