**Course Specification**

**Description: MITSC Dissertation D**

<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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<tr>
<td>CSC</td>
<td>8403</td>
<td>24387</td>
<td>2, 2003</td>
<td>ONC</td>
<td>2.00</td>
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**Academic Group:** FOSCI  
**Academic Org:** FOS003  
**HECS Band:** 2  
**ASCED Code:** 010101

**STAFFING**

Examiner: Ron Addie  
Moderator: Zhongwei Zhang

**PRE-REQUISITES**

Pre-requisite: CSC8400  
Co-requisite: CSC8401 and CSC8402

**SYNOPSIS**

This course forms the final part of the research component of the MITSc program. From the foundation established in CSC8400 and from the continued development in CSC8401 and CSC8402, students will complete a selected project in applied mathematics, statistics or computer science with the supervision of appropriate staff from the Department of Mathematics and Computing.

**OBJECTIVES**

Successful completion of this course will enable students to:

- demonstrate the ability to keep abreast of developments in mathematics or computer science.
- demonstrate the ability to execute and refine a selected research investigation.
- demonstrate the ability to develop higher level mathematical, statistical or 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.
- effectively document and communicate the results of the investigation and the methods used in a dissertation.
TOPICS

Description | Weighting (%)  
--- | ---
1. Candidates will investigate a research topic in consultation with appropriate staff of the Department of Mathematics and Computing. | 100.00

TEXT and MATERIALS required to be PURCHASED or ACCESSED:

Books can be ordered by fax or telephone. For costs and further details use the 'Book Search' facility at http://bookshop.usq.edu.au by entering the author or title of the text.

To be advised depending on the research topic.

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, computers software and material from electronic sources.

STUDENT WORKLOAD REQUIREMENTS

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>HOURS</th>
</tr>
</thead>
<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>
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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>FINAL SEMINAR</td>
<td>100.00</td>
<td>10.00</td>
<td>Y</td>
<td>22 Jul 2003 (see note )</td>
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<tr>
<td>DISSERTATION</td>
<td>100.00</td>
<td>90.00</td>
<td>Y</td>
<td>22 Jul 2003 (see note )</td>
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NOTES:

. Refer to Examiner for information about Seminar due date.
. Refer to Examiner for information about Dissertation due date.

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:
The dissertation for this course will be assessed in accordance with University Regulation 4.4 Guidelines for the Development and Management of Masters Degree Programs. Students must arrange to give a department seminar by consultation with the Department Seminar Coordinator and present the seminar in the department. They will be assessed by at least two appropriate academic staff and must gain at least 50% to satisfactorily complete the seminar.

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 a student 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 satisfactorily completing all summative assessment items.

5 Method used to combine assessment results to attain final grade:
The course will be graded as Pass or Fail. Students who gain more than 50% of the total weighted marks available will be awarded a grade of P.

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 It is the student's responsibility to make themselves available for consultation with their supervisor to ensure the best chance to meet the objectives of the course.

2 In accordance with University's Assignment Extension Policy (Regulation 5.6.1), the Examiner of a course may grant an extension of the due date of an assignment in extenuating circumstances. This policy may be found in the USQ Handbook, the Distance Education Student Guide and the Faculty of Sciences' Orientation
Handbook for new on-campus students. All students are advised to study and follow the guidelines associated with this policy.