

Subject Description Form

Subject Code	COMP5940
Subject Title	Dissertation
Credit Value	9
Level	5
Pre-requisite/ Exclusion	Prerequisite: Having completed 15 credits of study in the registered programme and with GPA of 2.5 or above (** Full-time students who have completed 9 credits of study with GPA of 2.5 or above may consider doing Dissertation from the second semester of their study) Exclusion: COMP5923 Independent Study and COMP5933 Project
Objectives	The objectives of this subject are to: 1. Put into practical effect the research skills acquired during the course; 2. Work in a specific defined field with the objective of producing a substantial piece of work based on critical analysis, evaluation, independent thought and knowledge contribution.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) Conduct a literature search with appropriate information resources and produce a critical review of the findings; b) Apply appropriate theoretical and practical computing concepts, methodologies and techniques to a non-trivial problem; c) Demonstrate the capacity for self-appraisal with reference to the work of other; d) Perform in-depth and critical study with a goal leading to productive research; and e) Present clearly and accurately, in written form, the research carried out and the conclusions reached.
Subject Synopsis/ Indicative Syllabus	Discuss and finalize the dissertation topic, background study, methodology, expected outcomes, etc. with the dissertation supervisor.
Teaching/Learning Methodology	Supervisors: Students are advised to discuss with potential supervisors for topic formulation and dissertation supervision. Tutorials: Both the supervisor and student should arrange to meet regularly at mutually agreed times. Bi-weekly meetings are recommended. As a guideline, each student is allowed a minimum of fifteen hours of staff time for individual consultation to obtain guidance in dissertation development. Self-study: Students are expected to study independently, although study groups are actively encouraged. Individual student will need to be self-motivated and set his or her own goals and schedules as

	<p>well as monitor these throughout the development of the dissertation</p> <p>Process: There are four stages in the preparation of the dissertation:</p> <p>(i) approval of the outline of the proposed research plan (ii) approval of the completed draft (iii) completion of dissertation document (iv) oral examination and presentation</p> <p>The background of the students and their personal experiences and interests form the basis for them to conduct the research study. To optimize the impact of their research on their organizations, students are encouraged to undertake research within their work place and with full organizational support. Generally, the dissertation covers an area of applied research in the IS/IT/ST/EC areas. The dissertation must also contain sufficient evidence of research and original thought to justify its academic standard at MSc level.</p>																										
<p>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1"> <thead> <tr> <th data-bbox="580 987 935 1122" rowspan="2">Specific Assessment Methods/Tasks</th> <th data-bbox="935 987 1099 1122" rowspan="2">% weighting</th> <th colspan="5" data-bbox="1099 987 1362 1088">Intended subject learning outcomes to be assessed</th> </tr> <tr> <th data-bbox="1099 1088 1150 1122">a</th> <th data-bbox="1150 1088 1201 1122">b</th> <th data-bbox="1201 1088 1252 1122">c</th> <th data-bbox="1252 1088 1303 1122">d</th> <th data-bbox="1303 1088 1362 1122">e</th> </tr> </thead> <tbody> <tr> <td data-bbox="580 1122 935 1196">Written dissertation and oral defense</td> <td data-bbox="935 1122 1099 1196">100</td> <td data-bbox="1099 1122 1150 1196">✓</td> <td data-bbox="1150 1122 1201 1196">✓</td> <td data-bbox="1201 1122 1252 1196">✓</td> <td data-bbox="1252 1122 1303 1196">✓</td> <td data-bbox="1303 1122 1362 1196">✓</td> </tr> <tr> <td data-bbox="580 1196 935 1234">Total</td> <td data-bbox="935 1196 1099 1234">100</td> <td colspan="5" data-bbox="1099 1196 1362 1234"></td> </tr> </tbody> </table>	Specific Assessment Methods/Tasks	% weighting	Intended subject learning outcomes to be assessed					a	b	c	d	e	Written dissertation and oral defense	100	✓	✓	✓	✓	✓	Total	100					
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<p>Student study effort expected</p>	<p>Total student study effort:</p> <table border="1"> <tr> <td data-bbox="580 1290 1193 1357">Meeting and discussion, Self-study, Dissertation, Oral defense</td> <td data-bbox="1193 1290 1362 1357">312 hours</td> </tr> </table>	Meeting and discussion, Self-study, Dissertation, Oral defense	312 hours																								
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<p>Reading list and references</p>	<p>N.A.</p>																										