

Subject Description Form

Subject Code	COMP5940
Subject Title	Dissertation
Credit Value	9
Level	5
Pre-requisite/ Exclusion	<p>Prerequisite: Having completed 15 credits of study with a GPA equivalent to or above the grade point value of B (** Full-time students who have completed 9 credits of study and fulfilled this GPA requirement may consider doing Dissertation from the second semester of their study)</p> <p>Exclusion: COMP5923 Independent Study and COMP5933 Project</p>
Objectives	<p>The objectives of this subject are to:</p> <ol style="list-style-type: none"> 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	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. conduct a literature search with appropriate information resources and produce a critical review of the findings; b. design, implement, and test non-trivial solutions in computing to solve the proposed 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	<p>Supervisors: Students are advised to discuss with potential supervisors for topic formulation and dissertation supervision.</p> <p>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.</p> <p>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>

	<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.</p> <p>Generally, the dissertation covers an area of applied research related to information technology. The dissertation must also contain sufficient evidence of research and original thought to justify its academic standard at MSc level.</p>																										
Assessment Methods in Alignment with Intended Learning Outcomes	<table><tr><th rowspan="2">Specific Assessment Methods/Tasks</th><th rowspan="2">% weighting</th><th colspan="5">Intended subject learning outcomes to be assessed</th></tr><tr><th>a</th><th>b</th><th>c</th><th>d</th><th>e</th></tr><tr><td>Written dissertation and oral defense</td><td>100</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr><tr><td>Total</td><td>100</td><td colspan="5"></td></tr></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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Total	100																										
Student study effort expected	<p>Total student study effort:</p> <table><tr><td>Meeting and discussion, Self-study, Dissertation, Oral defense</td><td>312 hours</td></tr></table>	Meeting and discussion, Self-study, Dissertation, Oral defense	312 hours																								
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Reading list and references	N.A.																										