

## Subject Description Form

<b>Subject Code</b>	COMP 5923
<b>Subject Title</b>	Independent Study
<b>Credit Value</b>	3
<b>Level</b>	5
<b>Pre-requisite/Exclusion</b>	Prerequisite: Having completed 15 credits of study in the registered programme. (** Full-time students who have completed 9 credits of study may consider doing Independent Study from the second semester of their study.) Exclusion: COMP5940 Dissertation
<b>Objectives</b>	This subject is intended to give students an opportunity to carry out a research study of an area of strong interest. It shall include case study, literature review, framework design, preliminary testing and analysis. Students must have adequate preparation in any information technology related area, by taking the pre-requisite subjects or equivalent.
<b>Intended Learning Outcomes</b>	Upon completion of the subject, students will be able to: <ul style="list-style-type: none"> <li>a. identify related problems and issues in any information technology related in real life;</li> <li>b. learn to search for and analyse primary sources relevant to the topic of study;</li> <li>c. apply certain principles and techniques of requirements, specification, software design and implementation of information technology related systems; and</li> <li>d. present, in written form, the preliminary result and reporting.</li> </ul>
<b>Subject Synopsis/ Indicative Syllabus</b>	Discuss and finalize the topic of interest with the supervisor.
<b>Teaching/Learning Methodology</b>	The main purpose of this subject is to let students do independent study on a selected topic related to discipline area. Included in such work must be an examination of primary sources (such as research papers published in refereed journals and conferences) to the greatest extent possible and the presentation of results and conclusions in a scholarly fashion. Secondary sources and text books should not be the sole basis of the study. The study may be comparable to the literature review portions of a rigorous research project. In fact, it is expected that a student will take this Independent Study subject preceding, and as preparation for the Project subject. In summary, students may need to carry out the following tasks: <ul style="list-style-type: none"> <li>1. comprehensive literature review / survey / evaluation</li> <li>2. proposing improvement / new solutions</li> <li>3. attending related subjects</li> </ul> <p>Potential supervisors should be approached for topic information. Either the supervisor or the student may propose a topic of study,</p>

	<p>subject to approval of the supervisor. The supervisor may suggest some research papers for the student as a starting reading list, but the student must learn to search for, read, and analyze relevant literature, and present the results of the study, under the guidance of the supervisor.</p> <p>Note: The supervision arrangement is also subject to quota restriction and availability of faculty staff.</p>																									
<p><b>Assessment Methods in Alignment with Intended Learning Outcomes</b></p>	<table border="1"> <thead> <tr> <th data-bbox="591 506 951 642" rowspan="2">Specific Assessment Methods/Tasks</th> <th data-bbox="951 506 1118 642" rowspan="2">% weighting</th> <th colspan="4" data-bbox="1118 506 1382 611">Intended subject learning outcomes to be assessed</th> </tr> <tr> <th data-bbox="1118 611 1187 642">a</th> <th data-bbox="1187 611 1252 642">b</th> <th data-bbox="1252 611 1317 642">c</th> <th data-bbox="1317 611 1382 642">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="591 642 951 716">Continuous assessment, report and presentation</td> <td data-bbox="951 642 1118 716">100</td> <td data-bbox="1118 642 1187 716">✓</td> <td data-bbox="1187 642 1252 716">✓</td> <td data-bbox="1252 642 1317 716">✓</td> <td data-bbox="1317 642 1382 716">✓</td> </tr> <tr> <td data-bbox="591 716 951 751">Total</td> <td data-bbox="951 716 1118 751">100</td> <td colspan="4" data-bbox="1118 716 1382 751"></td> </tr> </tbody> </table>				Specific Assessment Methods/Tasks	% weighting	Intended subject learning outcomes to be assessed				a	b	c	d	Continuous assessment, report and presentation	100	✓	✓	✓	✓	Total	100				
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<p><b>Reading list and references</b></p>																										