

Subject Description Form

Subject Code	COMP 5923
Subject Title	Independent Study
Credit Value	3
Level	5
Pre-requisite/Exclusion	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
Objectives	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 the IS/IT/ST/EC area, by taking the pre-requisite subjects or equivalent.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: a) identify related problems and issues in real life IS/IT/ST/EC area; b) learn to search for and analyse primary sources relevant to the topic of study; c) apply certain principles and techniques of requirements, specification, software design and implementation of IS/IT/ST/EC systems; and d) present, in written form, the preliminary result and reporting.
Subject Synopsis/ Indicative Syllabus	Discuss and finalize the topic of interest with the supervisor.
Teaching/Learning Methodology	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: 1. comprehensive literature review / survey / evaluation 2. proposing improvement / new solutions 3. attending related subjects Potential supervisors should be approached for topic information. Either the supervisor or the student may propose a topic of study,

	<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>Assessment Methods in Alignment with Intended Learning Outcomes</p>	<table border="1"> <thead> <tr> <th data-bbox="576 591 935 723" rowspan="2">Specific Assessment Methods/Tasks</th> <th data-bbox="935 591 1099 723" rowspan="2">% weighting</th> <th colspan="4" data-bbox="1099 591 1362 689">Intended subject learning outcomes to be assessed</th> </tr> <tr> <th data-bbox="1099 689 1166 723">a</th> <th data-bbox="1166 689 1230 723">b</th> <th data-bbox="1230 689 1294 723">c</th> <th data-bbox="1294 689 1362 723">d</th> </tr> </thead> <tbody> <tr> <td data-bbox="576 723 935 797">Continuous assessment, report and presentation</td> <td data-bbox="935 723 1099 797">100</td> <td data-bbox="1099 723 1166 797">✓</td> <td data-bbox="1166 723 1230 797">✓</td> <td data-bbox="1230 723 1294 797">✓</td> <td data-bbox="1294 723 1362 797">✓</td> </tr> <tr> <td data-bbox="576 797 935 831">Total</td> <td data-bbox="935 797 1099 831">100</td> <td colspan="4" data-bbox="1099 797 1362 831"></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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