

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	The objectives of this subject are to: <ul style="list-style-type: none"> • carry out a research study of an area of strong interest, • conduct case study, literature review, solution design, preliminary testing and analysis in the chosen area.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: <ol style="list-style-type: none"> a. identify a real life problem and a relevant topic in information technology; b. conduct a comprehensive study on that relevant topic; c. design, implement, and test a reasonable solution for the proposed problem; and d. present the preliminary result in a technical report.
Subject Synopsis/ Indicative Syllabus	Please discuss and finalize the topic of interest with the supervisor.
Teaching/Learning Methodology	<p>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:</p> <ol style="list-style-type: none"> 1. comprehensive literature review / survey / evaluation 2. proposing improvement / new solutions 3. attending related subjects <p>Potential supervisors should be approached for topic information. Either the supervisor or the student may propose a topic of study, 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>

	Note: The supervision arrangement is also subject to quota restriction and availability of faculty staff.					
Assessment Methods in Alignment with Intended Learning Outcomes	Specific Assessment Methods/Tasks	% weighting	Intended subject learning outcomes to be assessed			
			a	b	c	d
	Continuous assessment, report and presentation	100	✓	✓	✓	✓
	Total	100				
Student study effort expected	Total student study effort				105 hours	
Reading list and references						