Subject Description Form

Subject Code	DSAI5901
Subject Title	Dissertation
Credit Value	9
Level	5
Pre-requisite/ Co-requisite/ Exclusion	Nil
Objectives	The objectives of this subject are to: 1. put into practical effect the research skills acquired during the course; 2. work in a specifically 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) 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 others; d) perform an 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. The student will need to be self-motivated and set his or her own goals and schedules as well as monitor these throughout the development of the Dissertation
	The students' background and personal experiences and interests form the basis for conducting 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 related to information technology. The Dissertation must also contain sufficient evidence of research and original thought to justify its academic standard at the MSc level.

Assessment Methods in Alignment with Intended Learning Outcomes

Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
		a	b	c	d	e	
Written report(s), meeting documents, and presentation	100	✓	✓	✓	✓	✓	
Total	100 %						

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Students will be assessed by both written report(s) and presentation.

Student Study Effort Expected

Class contact:	0 Hrs.
Other student study effort:	
▪ Regular meetings with supervisor, self-study, discussion, report writing and presentation, etc	315 Hrs.
Total student study effort	315 Hrs.

Reading List and References

To be determined by supervisors.