

### SUBJECT DESCRIPTION FORM

<b>Subject Code</b>	SN5303B
<b>Subject Title</b>	Professional Development in Health Informatics
<b>Credit Value</b>	3
<b>Level</b>	5
<b>Pre-requisite / Co-requisite/ Exclusion</b>	Nil
<b>Objectives</b>	To enable students to acquire further knowledge in health informatics that can facilitate their professional development, and the ability required to comprehend, criticize and synthesize in the context of health informatics, by conducting an independent project focusing on a topic of their own interest.
<b>Intended Learning Outcomes</b>	Upon completion of the subject, students will be able to: <ul style="list-style-type: none"> <li>a. conduct critical review and develop in-depth understanding of a selected topic in health informatics or related professions.;</li> <li>b. acquire the skills and knowledge to facilitate their professional development in the fields of health informatics;</li> <li>c. participate in setting up, implementation and monitoring of health-informatics-related practice in workplace; and</li> <li>d. conceptualize research projects in health informatics or related professions.</li> </ul>
<b>Subject Synopsis/ Indicative Syllabus</b>	Students will conduct an independent project on a selected topic in health informatics. The topic should reflect the interdisciplinary nature of health informatics, with informatics as a key element and including one or more health-related areas. Focusing on the selected topic, students will conduct comprehensive literature review, or a task decided upon agreement of the subject lecturer. For the literature review, it covers the backgrounds, issues and challenges, existing solutions, contemporary research trend and future development.
<b>Teaching/Learning Methodology</b>	<p>This is a student-centred learning subject. The duration of the subject is <i>one</i> semester. Students should already have a good understanding of health informatics. They should also be able to identify a topic of interest as the focus of their study in the subject. Completion of the compulsory subject SN6006 Information Technology in Health Care before enrolling on this subject is desirable and recommended.</p> <p>Students need to prepare a study plan, state the task to be carried out, and the scope of work. They are required to submit an interim report and a final report of their study. This subject can be regarded as a preparation for the research-based subject HSS5903 Dissertation for students who are interested in conducting research.</p>
<b>Assessment Methods in Alignment with</b>	

<b>Intended Learning Outcomes</b>	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed			
			a	b	c	d
	1. Interim report	30%	✓	✓	✓	✓
	2. Final report	70%	✓	✓	✓	✓
	Total	100 %				
<p>Students are required to turn in an interim report and a final report of the independent project.</p> <p>The interim report is to assess students' progress in the independent project. They are expected to have already had a basic understanding of the selected health informatics topic, a framework of the project and a good appreciation of the work ahead.</p> <p>The final report is to assess students' ability to comprehend and consolidate the knowledge acquired from the independent project. They are expected to have developed a solid understanding of the selected topic and the trend, and possess the knowledge that enables them to further study the topic and conduct more substantial research.</p>						
<b>Student Study Effort Expected</b>	Class contact:					
	▪ Subject introduction and tutorials					12 Hrs.
	▪ Guided Study					27 Hrs.
	Other student study effort:					
	▪ Interim report					40 Hrs.
	▪ Final report					60 Hrs.
	Total student study effort					139 Hrs.
<b>Reading List and References</b>	Students are expected to read widely from refereed academic journals and conference proceedings, as well as recent documents and reports from health informatics professions to update the contemporary development.					