

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	DSAI6102
Subject Title	Guided Study on Research Topics in Artificial Intelligence
Credit Value	3
Level	6
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	<ul style="list-style-type: none"> • To broaden students' knowledge in AI through literature searching in related fields. • To enhance student's writing and presentation skill through their own research work or topics of their interests.
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <p>(a) acquire knowledge and awareness of the latest advances in research development in artificial intelligence from literature searching in their respective fields.</p> <p>(b) improve skills in writing and presenting collective materials on current topics of interests.</p>
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • Students must hand in the completed guided study report to supervisor with adequate of related literature references. • Students must submit a short report and present their case study to examiners. • Students should consult supervisor regularly about the progress of the literature reviewing progress.
Teaching/Learning Methodology	<p>Meet assigned supervisor regularly</p> <p>Hand in reports with full list of references</p>

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			
	Literature report	40	✓	✓			
	Oral examination	60	✓	✓			
Total	100 %						
	<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Supervisor will go through the literature report and check the references and give a final grade to the literature report.</p> <p>Supervisor will invite at least one examiner to attend and grade the oral examination.</p>						
Student Study Effort Expected	Student contact:						
	Individual consultation		10 Hrs.				
	Other student study effort:						
	• Literature search		70 Hrs.				
	• Report writing		40 Hrs.				
	Total student study effort		120 Hrs.				
Reading List and References	To be recommended by supervisor.						