

The Hong Kong Polytechnic University

Subject Description Form

Subject Code	AP6915						
Subject Title	Guided Study on Research Topics in Applied Physics						
Credit Value	3						
Level	6						
Pre-requisite / Co-requisite/ Exclusion	None						
Objectives	<ul style="list-style-type: none"> • To broaden student's research knowledge related to applied physics through literature searching in various fields • To enhance student's writing skill through their own research work or topics of their interest. 						
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 applied physics from literature searching in their respective fields;</p> <p>b) Improve skills in writing collective materials on current topics of interests.</p>						
Subject Synopsis/ Indicative Syllabus	<ul style="list-style-type: none"> • Students must submit the completed guided study report to supervisor with adequate literature references. • Students should consult supervisor regularly about the progress of the literature reviewing progress. 						
Teaching/Learning Methodology	The students required to meet their supervisor(s) regularly, submit report with full list of related references.						
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
	1. Literature report	100%	✓	✓			
	Total	100 %					
<p>Explanation of the appropriateness of the assessment method in assessing the intended learning outcome:</p> <p>1. Supervisor(s) will go through the literature report and check the references and give a final grade to the report.</p>							

Student Study Effort Expected	Class contact:	
	▪ Lectures/Seminar	27 Hrs.
	Other student study effort:	
	▪ Literature search	51 Hrs.
	▪ Writing report	42 Hrs.
	Total student study effort	120 Hrs.
Reading List and References	To be suggested by the corresponding supervisor(s).	