The Hong Kong Polytechnic University

Subject Description Form

Subject Code	ABCT6805
Subject Title	Guided Study on Frontier Research Topics in Chemistry
Credit Value	Three
Level	6
Pre-requisite / Co-requisite/ Exclusion	Nil
Objectives	• To broaden students' chemistry knowledge through literature searching in various fields. • To enhance student's writing skill through their own research work or topics of their interests.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: (a) acquire knowledge and awareness of the latest advances in research development in chemistry from literature searching in their respective fields. (b) improve skills in writing collective materials on current topics of interests.
Subject Synopsis/ Indicative Syllabus	• Students must hand in the completed guided study report to supervisor with adequate of related literature references. • Student should consult supervisor regularly about the progress of the literature reviewing progress.
Teaching/Learning Methodology	Meet assigned supervisor regularly Hand in report with full list of 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				
Literature report	40%	✔	✔				
Oral examination	60%	✔	✔				
Total	100 %						

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

Supervisor will go through the literature report and check the references and give a final grade to the final report.

Student Study Effort Expected	Student contact:	
	• Attendance in seminars	10 Hrs.
	Other student study effort:	
	• Literature search and oral presentation	70 Hrs.
	• Report writing	40 Hrs.
	Total student study effort	120 Hrs.
Reading List and References		