



UNIVERSITI TEKNOLOGI MARA

PHC632: RESEARCH PROJECT

Course Name (English)	RESEARCH PROJECT APPROVED
Course Code	PHC632
MQF Credit	3
Course Description	The individual project provides experience with planning, executing, and formally reporting on a substantial task related to pharmaceutical sciences in a limited time. This course will also allow students to put into practice some of the techniques that have been taught throughout the course. Students will therefore develop their understanding of relevant areas of pharmacy, their capabilities in the practical work and writing activities involved.
Transferable Skills	Problem solving, Scientific skills, Communication skills, Managerial and entrepreneurial skills, Leadership and teamwork skills
Teaching Methodologies	Blended Learning, Lab Work, Demonstrations, Discussion, Presentation, Self-directed Learning, Supervision
CLO	CLO1 Construct an experimental research project and data interpretation. CLO2 Perform an oral presentation (poster form) effectively about the research project. CLO3 Complete a manuscript in a well-organized and clear manner.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction of Course and Experimental work 1.1) including Laboratory safety briefing	
2. Conduct a research project under supervision of an advisor/supervisor from the faculty or any other research institutions. 2.1) including laboratory preparations, experimental work, demonstrations and data analysis.	
3. Research Project Presentation 3.1) Poster presentation (preparation and presentation)	
4. Research project write-up 4.1) Written manuscript.	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Portfolio/Log Book	Overall performance. i)Attendance ii)Research record/logbook iii)Attitude/comittment	30%	CLO1
	Presentation	Poster presentation	30%	CLO2
	Written Report	Written manuscript according to the Faculty guideline. Assessed by the Main Supervisor.	20%	CLO3
	Written Report	Written manuscript. Assessed by the Second reader.	20%	CLO3

Reading List	Recommended Text	<ul style="list-style-type: none"> Petter Laake,Haakon Breien Benestad,Bjorn Reino Olsen 2007, <i>Research Methodology in the Medical and Biological Sciences</i>, Academic Press USA [ISBN: 9780080552897]
	Reference Book Resources	<ul style="list-style-type: none"> Jawatankuasa Akademik Fakulti Farmasi 2019, <i>Guidelines on Manuscript Writing</i> Stephen B. Heard 2016, <i>The Scientist's Guide to Writing</i>, Princeton University Press [ISBN: 9780691170220] Mike Wallace,Alison Wray 2016, <i>Critical Reading and Writing for Postgraduates</i>, Sage Publications Limited [ISBN: 9781412961820] Sheridan J Coakes 2012, <i>SPSS Version 20.0 for Windows: Analysis without Anguish</i>, John Wiley & Sons [ISBN: 9781118337] <i>Journals related to specific research.</i>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	