

Dissertation I (MSM4910)

Course Code	MSM4910									
Course Name	DISSERTATION I									
Credit Hour	8									
Prerequisite Course	Research Methodology (MSM4113)									
Contact Hours	Lecture:	0	unit	(0 hour(s) per week)						
	Tutorial:	0	unit	(0 hour(s) per week)						
	Laboratory:	2	units	(2 hour(s) per week)						
Course Synopsis	This course aims to give opportunities to the student to practice and apply their knowledge and skills through development of a project. The project covers the project identification through understanding the problem and its needs, analyse several approaches or methodology to solve the problem, develop the solution of the problem and test the solution in appropriate domain. The problem must be relevant to some specific applications in industry or in line with university niche areas. By the end of semester, the student should be able to propose a research proposal based on their respective disciplines.									
Program Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	
	/	/		/		/		/		
Soft Skills	Code		CTPS	CS	TS	LL	ES	EM	LS	
	KIM		5	5		1		2		
Course Outcomes	By the end of semester, students should be able to:									
	CO1	Construct and organize the research background, problems statement, research objectives, scope and significance of the research. (C5)								
	CO2	Build up communication skills in presenting and defending research proposal. (P5)								
	CO3	Initiate preliminary research activities by exploiting all possible research resources, including research consultation or references gathered from conference papers or journals. (P7)								
	CO4	Perform the professional skills and ethical values in presenting the project outcomes. (A5)								
	CO5	Organise various approaches to get the information and other related skills in solving the problems. (A4)								
Assessment Methods	Methods		Weighting	CO1	CO2	CO3	CO4	CO5		
	Project Outcomes (supervisor)		30%	/	/	/	/	/	/	/
	Project Report		40%	/	/	/		/	/	
	Project Presentation		30%	/	/					
	Total		100%							

1	Othman Talib: Zero Draft of Thesis, Teknik Efisien Penulisan Tesis dengan Navigation Pane / Document Map dan Mendeley:2014. (Main Reference)
2	J.Graham, "Writing Your Research Paper", AppBookShop.com, 2010.
3	M. Berndtsson, J.Hansson, B. Olsson and B.Lundell," Thesis Projects: A Guide for Students in Computer Science and Information Systems", Springer, 2007.
4	J. W. Creswell, "Research Design: Qualitative, Quantitative, and Mixed Methods Approaches", Sage Publications,2008
5	Master Thesis Writing Guideline, Center of Graduate School, Universiti Malaysia Pahang, 2008