UNIVERSITI TEKNOLOGI MARA
CSC598: MULTIMEDIA RESEARCH PROJECT FORMULATION

Course Name (English)	MULTIMEDIA RESEARCH PROJECT FORMULATION APPROVED
Course Code	CSC598

MQF Credit	3

Course Description	This course prepares students for performing a research. It will discuss the steps in doing research. It also requires students to creatively thinks and uses all their prior and new knowledge to solve a certain problem. This is presented in a form of a written proposal.

Transferable Skills	creative and innovative, technological skills

Teaching Methodologies	Lectures, Discussion, Presentation

CLO	CLO1 State the problem description in the area of study CLO2 Produce literature review pertaining to area of study; CLO3 Suggest solutions for the stated problem description CLO4 Compose and present a proposal on the research intended

Pre-Requisite Courses	No course recommendations

Topics
1. Introduction 1.1) Introduction 1.2) Problem Statement 1.3) Objectives 1.4) Scope of Study 1.5) Significane of Project
2. Literature Review 2.1) Introduction to LR 2.2) LR on Research subject matter 2.3) LR on Research related area/domain 2.4) Related Researches 2.5) LR on the Techniques applied in the previous researches
3. Research Methodology 3.1) Introduction to Research Methodology 3.2) Research Framework 3.3) Research Activites 3.4) Detail dicussion on the algorithm, formulations, techniques or approaches that will be used in the research work. 3.5) Hardware adn Software Requirement
4. Project Planning 4.1) Introduction to project Planning 4.2) Detail tasks/activities
5. Writing and Ethics 5.1) Writing 5.2) Ethics in Research

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Methodology	10%	CLO1 , CLO2 , CLO3
	Assignment	Literarure review	20%	CLO1 , CLO2
	Assignment	Report (Proposal)	50%	CLO2 , CLO3 , CLO4
	Presentation	n/a	20%	CLO3 , CLO4

Reading List	Recommended Text	• Mikael Berndtsson,Jörgen Hansson,B. Olsson,Björn Lundell 2007, *Thesis Projects*, Springer Science & Business Media [ISBN: 9781848000094] • Michael Holcombe, Andrew F. Stratton, Sally A. Fincher, Gary Griffiths 2012, *Projects in the Computing Curriculum: Proceedings of the Project 98 Workshop*, Springer Science & Business Media [ISBN: 9781447112617] • Sally Fincher, Marian Petre, Martyn Clark 2013, *Computer Science Project Work: Principles and Pragmatics*, Springer Science & Business Media [ISBN: 9781447137009] • Marian Petre, Andre Van Der Hoek 2013, *Software Designers in Action: A Human-Centric Look at Design Work*, CRC Press [ISBN: 9781466501102] • Michael Holcombe, Andrew F. Stratton, Sally A. Fincher, Gary Griffiths 2012, *Projects in the Computing Curriculum: Proceedings of the Project 98 Workshop*, Springer Science & Business Media [ISBN: 9781447112617]
	Reference Book Resources	• Christian W. Dawson 2015, *Projects in Computing and Information Systems*, Prentice Hall [ISBN: 9781292073460]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	