



UNIVERSITI TEKNOLOGI MARA

BCM622: DISSERTATION I

Course Name (English)	DISSERTATION I APPROVED
Course Code	BCM622
MQF Credit	2
Course Description	This course is a continuation of Research Methodology and Methods (BCM542). It gives opportunities for students to apply the knowledge gained previously. Students need to choose a research topic and produce well structured literature review, statement of research question and formulation of hypothesis. The students have to identify the population and choose appropriate research techniques/tools. Students are required to consult their respective supervisors at least 7 times per semester at two hours per consultation. A log book will be used to track student's progress. Students will be assessed upon completing the problem statement, research objectives, literature review, hypotheses (optional) and research design.
Transferable Skills	Planning, analysis and communication skills
Teaching Methodologies	Inquiry-based Learning, Reading Activity, Discussion, Supervision
CLO	CLO1 Write problem statements, research objectives, literature review, research design and methods related to the research topics systematically and independently on appropriate research topic or issue relevant to the construction industry CLO2 Demonstrate the understanding of research process. CLO3 Practice ethical standards of conduct in research development work.
Pre-Requisite Courses	No course recommendations
Topics	
1. Selection of a research topic and a paradigm 1.1) Identifying and writing a research topic by describing it succinctly 1.2) Drafting a working title and considering whether it is researchable 1.3) Choosing a paradigm, either quantitative, qualitative or a combination of both	
2. Problem Statement, Objectives and Hypotheses 2.1) Identifying and writing a clear, right and important problem statement 2.2) Developing and writing clear objectives that are relevant to the problem statement 2.3) Developing and writing relevant, testable and resolvable hypotheses	
3. Reviewing the literature 3.1) Conducting literature search and writing literature review 3.2) Producing conceptual/theoretical framework	
4. Methodology 4.1) Identifying and writing research variables and reliable research population. 4.2) Identifying and explaining measuring instruments 4.3) Identifying and explaining the limitations of research design 4.4) Identifying and writing appropriate research methodology	

Assessment Breakdown		%	
Continuous Assessment		100.00%	

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Originality	20%	CLO3
	Discussion	6 time meeting with supervisor	10%	CLO2
	Disertation	To follow the assesement matrix provided by dissertation 1 coordinator.	70%	CLO1

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Creswell, J.W 1994, <i>Research Design Qualitative & Quantitative Approaches</i>, SAGE Publication London • Richards F 1997, <i>Research Method for Construction</i>, 3 Ed., Blackwell Publishing Oxford [ISBN: 978-14051779] • McBurney, D.H 1998, <i>Research Methods</i>, SAGE Publications London • Hard, C 1998, <i>Doing a Literature Review</i>, SAGE Publications London • Green, S.B, Salkind, N.J., and Akey, T.M 2000, <i>Using SPSS for Windows: Analysing and Understanding Data</i>, 2 Ed., Prentice Hall London • Bryman, A. and Cramer, D 2001, <i>Quantitative data Analysis with SPSS Release 10 for Windows, A Guide for Social Scientetists</i>, Routledge New York [ISBN: 13: 978-04152] • Naoum, S.G 2001, <i>Dissertation Research and Writing for Construction Students</i>, Butterworth-Heinemann Oxford [ISBN: 978-04155384] • McQueen, R and Knussen, C 2001, <i>Research Methods for Social Science, An Introduction</i>, Prentice-Hall Lonson • Murray, R 2006, <i>How to write a thesis</i>, 2 Ed., Open Universiti Press London
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources