



UNIVERSITI TEKNOLOGI MARA

EDU757: RESEARCH PROJECT

Course Name (English)	RESEARCH PROJECT APPROVED
Course Code	EDU757
MQF Credit	12
Course Description	<p>This course is consultative in nature and students will complete a research thesis or creative project that demonstrates mastery and application of advanced research and analytic skills related to their respective field of specialization. The aim of the course is to demonstrate that a student can conduct a research study and produce an academic piece of writing or creative project. This involves working independently, under supervision, in order to gain experience of integrating and applying different elements encountered in the various courses to find solutions for problems identified. Research/Creative projects may differ substantially across disciplines, they typically involve from the conceptualisation of the problem to developing a feasible research plan to collect and analyze data culminating to the discussion of findings and implications. Students completing this course will receive substantial guidance and support from their respective supervisor(s) during the completion of the required thesis or creative project.</p>
Transferable Skills	Research skills
Teaching Methodologies	Self-directed Learning, Supervision
CLO	<p>CLO1 Identify a research problem in an area of study.</p> <p>CLO2 Demonstrate knowledge of concepts and theories underlying the area of investigation/project development via a substantial review of related literature and a sound research methodology.</p> <p>CLO3 Analyse and critically interpret research findings to draw logical conclusions and implications</p> <p>CLO4 write a thesis based on academic writing conventions/or produce a creative project</p>
Pre-Requisite Courses	No course recommendations
Topics	
<p>1. Abstract & Introduction</p> <p>1.1) 1. Abstract:</p> <p>1.2) • reflect the actual research issues addressed in the study.</p> <p>1.3) • encapsulate the relevant theories, methodology, salient</p> <p>1.4) findings and implications.</p> <p>1.5)</p> <p>1.6) 2. Introduction:</p> <p>1.7) • Research Problem:</p> <p>1.8) o background to the pertinent research issues well discussed.</p> <p>1.9) o research problems well defined and focused.</p> <p>1.10) o hypotheses/research questions address the research</p> <p>1.11) problems</p> <p>1.12) o objectives clearly stated.</p> <p>1.13)</p> <p>1.14) • Scope and Relevance:</p> <p>1.15) o scope of the study.</p> <p>1.16) The level of appropriateness according to factors:</p> <p>1.17) i. The Master's degree pursued</p> <p>1.18) ii. Field of study</p> <p>1.19) iii. Research issues in the particular field</p> <p>1.20) iv. Practicability (financial, time and</p>	

2. Literature Review

- 2.1) • relevant to the research issues in the study.
- 2.2) • substantial amount of current and past literature related to the
- 2.3) problem of study.
- 2.4) • literature reviewed, summarized, synthesized and organized
- 2.5) consistently with the sequence of the research issues of study.
- 2.6) • Conceptualization of the research problem.

3. Methodology, Results/Findings/Narrative/Analysis

- 3.1) Methodology/Design & Development Processes:
- 3.2) • collections, refinements, strengths and weaknesses of the
- 3.3) data used in the study.
- 3.4) • Is the methodology used to analyze the data appropriate for the research issues addressed?
- 3.5) • methodology employed, research design, Population,
- 3.6) samples and sampling, instrumentation.
- 3.7) • statistical technique (s) used appropriate/suitable for the
- 3.8) research.
- 3.9)
- 3.10) 5. Results / Findings / Narrative / Analysis:
- 3.11) • analysis of the data using chosen methodology specified.
- 3.12) • the interpretation of the findings and appropriate analysis

4. Discussion/Summary/Conclusion/Implications & Presentation

- 4.1) Discussion / Summary / Conclusion / Implications:
- 4.2) • Are the implications of the findings discussed?
- 4.3) • Has the author clearly identified and discussed the contributions of the findings to the knowledge in the area and applicability of the findings in addressing the research problems in the study?
- 4.4) • Are the stated objectives achieved?
- 4.5) • Are the main weaknesses of the research clearly identified and the impact of these weaknesses on the findings properly addressed?
- 4.6)
- 4.7) 7. Presentation/Layout/Bibliographic Conventions:
- 4.8) • sequence of the chapters and write-up in each chapter.
- 4.9) • tables, pictures and any other form of summarized information
- 4.10) labeled, numbered and placed in the appropriate sequence
- 4.11) and section.
- 4.12) • writing style and language.
- 4.13)
- 4.14) 8. GRAMMAR, CLARITY, AND ORGANIZATION
- 4.15) write-up of the manuscript
- 4.16) • ideas in the write-up well developed and explained.
- 4.17) • sentences and paragraphs grammatically correct.
- 4.18) • the uses of subheadings appropriately applied.
- 4.19)
- 4.20)
- 4.21) 9. IMPACT
- 4.22) important contribution to field.
- 4.23) • significant importance/authenticity to field.
- 4.24) • address a gap in research and contribute to new knowledge,
- 4.25) innovation or concept to the field concerned.
- 4.26) • advancement of scientific knowledge.

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Project	Abstract	4%	CLO1
	Final Project	Literature Review	8%	CLO2
	Final Project	Presentation/Layout/Bibliographic Conventions	8%	CLO4
	Final Project	Grammar,Clarity And Organization	8%	CLO4
	Final Project	Impact	8%	CLO3
	Final Project	Discussion/Summary/Conclusion/Implications	12%	CLO4
	Final Project	Introduction	12%	CLO1
	Final Project	Methodology	16%	CLO2
	Final Project	Results/Findings/Narrative/Analysis	24%	CLO1

Reading List	Recommended Text
	<ul style="list-style-type: none"> • Fraenkel, J. R. & Wallen, N. E. 2015, <i>How to design and evaluate research in education.</i>, 11 Ed., New York: McGraw Hill Inc. • Pruzan, Peter 2016, <i>Research Methodology, The Aims, Practices and Ethics of Science</i> • Neuman, W. 2013, <i>Social Research Methods: Qualitative and Quantitative Approaches</i>, 7 Ed., Pearson New International Edition • Larry Christensen, R. Burke Johnson, Lisa Turner 2014, <i>Research Methods, Design, and Analysis, Global Edition. (12th Edition).</i>, 12 Ed., Pearson Education • Parmjit, S., Chan, Y. F. & Sidhu, G. K. 2006, <i>A comprehensive guide to writing a research proposal.</i>, Venton Malaysia • Gay, L. R. & Airasian, P. 2003, <i>Educational Research: Competencies for analysis and applications.</i>, Upper Saddle River: Merrill Prentice Hall • Cohen, L. Manion, L. & Marrison, K. 2005, <i>Research methods in education.</i>, Routledge Falmer. London • Mendenhall, W. & Sincich, T 1995, <i>Statistics for Engineering and the Sciences</i>, Prentice Hall, Inc. NJ • Rudestam, K. & Newton, R. 1992, <i>Surviving your dissertation</i>, Sage London
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources