



UNIVERSITI TEKNOLOGI MARA

ALS610: RESEARCH METHODOLOGY

Course Name (English)	RESEARCH METHODOLOGY APPROVED
Course Code	ALS610
MQF Credit	4
Course Description	This course aims to equip students with a knowledge of various methods appropriate for research. Students will become familiar with the systematic processes needed to ensure the reliability and validity of quantitative and qualitative research. The course emphasizes theoretical and practical issues in research design and methodology. At the end of the course, the students demonstrate their knowledge and skills acquired in a research proposal.
Transferable Skills	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts - Reflective Learner Demonstrate ability to communicate clearly and confidently, and listen critically - Effective Communicator Demonstrate ability to apply creative, imaginative and innovative thinking and ideas to problem solving - Independent and Critical Thinker
Teaching Methodologies	Lectures, Problem Based Learning (PBL), Discussion, Presentation, Self-directed Learning
CLO	CLO1 determine and define research problems CLO2 conduct literature search and write literature reviews CLO3 choose appropriate research methods for the problems identified CLO4 prepare a research proposal
Pre-Requisite Courses	No course recommendations
Topics	
1. The Research Process 1.1) Understand the research process 1.2) Selecting a topic 1.3) Identifying a problem	
2. Literature review 2.1) Understand and know how to do a literature review 2.2) Read an article and give a critique	
3. Research Methods 3.1) Understand research design 3.2) Know how to do research with primary and secondary sources 3.3) Know the characteristics of qualitative and quantitative research 3.4) Know operational definitions 3.5) Know sampling procedures, research instruments and data collection process	
4. Writing the Research Proposal 4.1) Write a research proposal on the chosen topic 4.2) Include: Introduction, Literature Review, Methodology, References and Appendix 4.3) Know the language of writing research	

Assessment Breakdown		%	
Final Assessment		100.00%	
Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark
	CLO		
Reading List	Recommended Text	<ul style="list-style-type: none"> • Louis Cohen, Lawrence Manion, Keith Morrison 2003, <i>Research Methods in Education</i>, 5th Ed., Routledge London [ISBN: 0203224345] • Judith Bell 2005, <i>Doing Your Research Project</i>, 4th Ed., Open University Press England [ISBN: 9780335215041] • James R. Dudley 2010, <i>Research Methods for Social Work</i>, 2nd Ed., Prentice Hall [ISBN: 9780205011216] • Ranjit Kumar 2014, <i>Research Methodology</i>, 4th Ed., SAGE Publications Limited London [ISBN: 9781446269978] 	
Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		