



UNIVERSITI TEKNOLOGI MARA

ALS560: RESEARCH METHODOLOGY

Course Name (English)	RESEARCH METHODOLOGY APPROVED
Course Code	ALS560
MQF Credit	4
Course Description	This course introduces students to applied language research methods and emphasizes the need to use evidence for informed decision-making. Students will become familiar with the systematic processes needed to ensure the reliability and validity of quantitative, qualitative and multi method approaches of enquiry. 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 required for writing a research proposal.
Transferable Skills	<ul style="list-style-type: none">- Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts (Reflective Learner)- Demonstrate ability to manage personal performance to meet expectations and demonstrate drive, determination, and accountability (Resourceful and Responsible)- Demonstrate ability to communicate clearly and confidently, and listen critically (Effective Communicator)- Demonstrate maturity of thoughts when responding to multiple inputs and contexts (Balanced graduate - Intellectual-Spiritual -Emotional)
Teaching Methodologies	Lectures, Blended Learning, Case Study, Problem Based Learning (PBL), Discussion, Workshop, Small Group Sessions , Directed Self-learning , Journal/Article Critique
CLO	CLO1 Demonstrate understanding of key concepts in research CLO2 Distinguish between quantitative, qualitative and multi-method approaches to enquiry CLO3 Produce a research proposal using the conventions of academic writing
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Research: Types of Research, Basic Concepts, Research Framework 1.1) a. overview of what is research 1.2) b. the research process/ the steps in writing up a research proposal 1.3) c. basic concepts in research proposal	
2. Introduction to Research Techniques and Data Collection Process: interview, content analysis and observation 2.1) a. Know the characteristics of qualitative research 2.2) b. Know operational definitions 2.3) c. Understand reliability and validity in research 2.4) d. Understand how to collect data 2.5) e. Able to identify or design basic data collection instrument 2.6) f. Know sampling procedures, research instruments and data 2.7) collection process 2.8) g. Understand reliability and validity in data collection method	
3. Introduction to Research Techniques and Data Collection Process: Survey 3.1) a. Know the characteristics of quantitative research 3.2) b. Know operational definitions 3.3) c. Understand reliability and validity in research 3.4) d. Able to identify or design basic data collection instrument 3.5) e. Know sampling procedures, research instruments and data 3.6) collection process 3.7) f. Understand reliability and validity in data collection method	

4. Writing the Research Proposal:

- 4.1) Applying the basic concepts in research process in writing up the research proposal
- 4.2) Introduction
- 4.3) Background of Study
- 4.4) Problem Statement
- 4.5) Research Objectives
- 4.6) Research Questions
- 4.7) Significance of Study
- 4.8) Scope and Limitations
- 4.9) Definition of Terms
- 4.10) Literature Review
- 4.11) Methodology
- 4.12) Research Design
- 4.13) Research Instrument
- 4.14) Sampling
- 4.15) Source of Data Collection
- 4.16) Proposed Sample of Research Instrument: For example questionnaires, semi structured interviews, observation checklist, and transcription from interview podcasts

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	This is an in-class assignment. Students are required to discuss the research objective, research questions and e an appropriate research technique (sampling, source of data collection method of data collection and type of instrument) for the situation given.	20%	CLO2
	Final Project	3. Students are to submit a 2500 word Research Proposal in Week 14. This is an individual assignment. The Research Proposal would be divided into 3 chapters: Chapter 1 (Introduction/Background of the study), Chapter 2 (Literature Review) and Chapter 3 (Methodology). Each chapter would have a sub-title/heading as indicated in the list below. The proposal should be typed double spacing, font size 11, Arial and should be 10-12 pages. There should be 20 references in APA format.	70%	CLO3
	Presentation	1. Presentation (10%): Students are to work in pairs for this assignment which is scheduled for week 5. Each pair will be expected to give a 5-10 minute presentation. Students are required to verbally explain and compare at least two research articles (ie to explain about the study, previous studies conducted, methodology used, findings, conclusions, and recommendations) in the presentation. This would enhance their critical and analytical thinking skills	10%	CLO1

Reading List	Recommended Text	• John W. Creswell 2013, <i>Research Design</i> , 4 Ed., SAGE [ISBN: 9781452226101]
	Reference Book Resources	<ul style="list-style-type: none"> • Francis C. Dane 2010, <i>Evaluating Research</i>, SAGE [ISBN: 9781412978538] • Michael Passer 2013, <i>Research Methods</i>, Worth Publishers [ISBN: 9780716776819] • Noorzan Mohd Noor, <i>Writing Research and Thesis Proposals</i> [ISBN: 9789673053674] • Alison Mackey & Susan M. Gass 2011, <i>Second Language Research: Methodology and Design</i>, Routledge, Taylor & Francis Group New York [ISBN: 978080585602] • Lawrence F. Locke, Stephen J. Silverman, Waneen Wyrick Spirduso 2009, <i>Reading and Understanding Research</i>, 3 Ed., SAGE [ISBN: 9781412975742]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	