LEARNING GUIDE

RESEARCH METHODS AND COMMUNICATION

EMoS Students

(Dr Elizabeth Mkoba, PhD)

1. COURSE LECTURER

Lecturer Name: Dr Elizabeth Mkoba

Extension: 1173
Office: D208

E-mail: elizabeth.mkoba@nm-aist.ac.tz

2. STUDENT CONSULTATION TIME

You should make an appointment e-mail and include the following details:

- First Name and Surname
- Student number

Note: Consultation from Tuesday to Thursday - 10:00 to 12:00 hrs.

Venue: D208

3. SCHEDULE FOR THE COURSE

Date	Topic
29/11/2022	Learning Unit 1 Fundamentals of Research
	Meaning of ResearchTypes of Research
	Attributes of a Good Research Topic
	Research Problem
	Research Objectives
	Research Questions
30/11/2022	Learning Unit 2 Literature Review
	Search of data sources
	Research databases
	Definition of Key Terms
	Theoretical Literature Review
	Empirical Literature Review
	Research Gap/Limitations of previous studies
	Conceptual Framework
01/12/2022	Learning Unit 3 Research Philosophy, Methods and Strategy
	A: Research Philosophy
	B: Research Methods
	Quantitative
	Qualitative

Date	Торіс
	Mixed Methods
	C: Research Strategy
	Experimental research
	Action research
	Case study
	Ground theory
	Ethnography
	Archival research
	D: Time Horizons
	Cross sectional
	Longitudinal
01/12/2022	Learning Unit 4 Sampling Techniques and Sample Size
02/12/2022	Learning Unit 5 Data Collection Methods and Analysis
	Questionnaire
	Interview
	Focus Group Discussion
	Design of data collection instruments
	Data analysis and interpretation of results
03/12/2022	Learning Unit 6 Research Ethics and Plagiarism
05/12/2022	Learning Unit 7 Research Communication - Reporting of Research
06/12/2022 - 09/12/2022	Assignment

4. TEXTBOOKS

Recommended readings are:

- 1. Creswell, J.W. & Miller, D.L. (2000). Determining validity in qualitative Inquiry. *Theory into Practice*, 39(3): 124-131.
- 2. Creswell, J.W. (2003). Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. (2nd ed.). Thousand Oaks, California: Sage.
- 3. Creswell, J., & Plano Clark, V. (2007). *Designing and Conducting. Mixed Methods Research*. Thousand Oaks, California: Sage.
- 4. Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approaches. (4th ed.). Thousand Oaks, California: Sage.
- 5. Khotari, R. C. (2004). Research Methodology, Methods and Techniques. Delhi: New Age International.