LEAD CITY UNIVERSITY

Department of Economics
Faculty of Social and Management Sciences

COURSE PARTICULARS

Course Code: ECO 321

Course Title: Economic Research Methodology

Number of Units: 2

Status: Elective

LECTURER   DETAIL

Name**:**   Dr. O. O. Ogunjimi

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Area of Specialization: Production, Resource Economics

COURSE DESCRIPTION

Nature and significance of research methodology; introduction to statistical research methodology in economics; review of relevant statistical tools; research design and surveys in economics, sampling design, collection andcollation/analysis of primary and secondary data; designing questionnaire for survey; analysis of qualitative data; parametric and non-parametric statistical tests; use of some statistical/ econometric software package: SPSS, E-VIEW, STATA, PC-GIVE, RATS; general guidelines on research project writing and case study**.**

COURSE OBJECTIVES

The students, at the end of the course should be able to:

- know the necessary research process and acquire skills require to having a suitable research topic

- Write and present academic research works

- Use some of the statistical/ econometric software packages

ASSESSMENT
Attendance – No score, but 70% for eligibility to write exams
Assignment/Term Paper = 15%
Test   = 05%s
Exams   = 80%

Total   =100%

TEACHING PLAN

Week	Topic
Week 1:	**Overall Introduction** - Concept of research - Different types of research works - Need for academic research work - Tutorials
Week 2:	**Research Problem** - An overview of research problem - Choice of research topic - Statement of research problem - Delimitation of research problem area - Tutorial
Week 3:	**Research Proposal** - Concept research proposal - Reason for writing research proposal - Ingredients of research proposal - Tutorials
Week 4:	**Review of Liter**ature I - Reason for reviewing the literature - Sources of bibliography - Method of preparing bibliography - Tutorials
Week 5:	**Review of Liter**ature II

	- Conceptual Issues - Theoretical Issues - Empirical Issues - Methodological Issues - Tutorials
Week 6:	**Theoretical/Conceptual Framework** - Meaning of theoretical framework/conceptual framework - Reason for theoretical framework/conceptual framework in academic research - How to choose and write appropriate theoretical/conceptual framework - Tutorials
Week 7:	**Research Methodology** - Meaning of research methodology - Significance of research methodology - Statistical Research Methodology Tutorials
Week 8:	**Review of Statistical Tools** - Probability - Sampling - Tutorial
Week 9:	**Research Design/Research Technique** - Reason for research design - Research design for primary data - Research design for secondary data - Tutorial
Week 10:	**Statistical estimation** - Types of statistical estimation - Prominently used statistical estimations in Economics - Hypotheses testing - Tutorials
Week 11:	**Statistical Tests** - Parametric statistical test - Non-parametric statistical test - Tutorials
Week 12:	**Statistical Software Packages used in Economics**

	- SPSS, E-VIEWS and STATA - Choosing appropriate software package for estimation - Tutorials
Week 13:	**Presentation of Research result** - Method of presenting research result - Relating research result to existing evidence - Discussion of research result and conclusion - Tutorial
Week 14:	**C**ase Study on research project in Economics (microeconomic research project)
Week 15:	**C**ase Study on research project in Economics (macroeconomic research project)

READING LISTS

1. Hamilton L (1999) Data analysis for Social Scientist: a first course in applied statistics
2. Owoeye J (2010) Research Methodology
3. Matin, A (1998) Social Science Research Concept, Mehtodology and analysis
4. Agbola T, Egunjobi L, Olatubara C.O, Yusuf and Ababi M (2013). Contemporary Social Science. Research Methods: A Practical Guide. Revised and Enlarged Edition.

TUTORIAL QUESTIONS

1. (i) What do you understand by research problem?
   (ii)   Consider the following research topic: "The determinants of inflation rate in Nigeria". Identify and discuss possible research problem(s) of this topic and how significance the problem is ?

2. (i) What is the relevance of literature review in academic research?
   (ii) State the major operations involved in a literature review activities.

3. (i) Identify economic research topic (s) from the following:
   An appraisal of motivation on workers' performance.
    An evaluation of IT in Nigeria.
    Consumer price level and farmers productivity
    The problem facing the Agricultural sector.
   (ii)Give reasons why they are economic research topics
   (iii)Discuss the steps to be taken for literature review on the chosen one(s)

4. (i)What do you understand by academic research proposal?
   ii) What role does academic research proposal play in academic research?

5. The chapter contains literature review has many subsections. List the subsections and explain what each section intends to show.

6. There are two basic categories of data: primary and secondary data.
   (i) Discuss the condition under which primary data is relevant
   (ii) Discuss the condition under which secondary data is relevant
   (iii) Is it possible to make use of both secondary and primary data in the same research work? If yes under what condition? If no, why?

7. In economics, methodology chapter starts with model specification. Why do you need to specify a model?
   How will you establish the relevant variables in your model?

8. (i) What are qualitative data
   (ii) State different ways by which qualitative data can be analysed

9. (i) It is clear that for a hypothesis to be regarded as good, it must possess certain basic qualities. State these basic qualities and give functions of a good hypothesis

   (ii) Give account of the relationship between hypothesis and research questions.

10. (i) Differentiate between parametric and non-parametric statistical tests

    (ii) State and explain the use fullness of two examples of each of parametric and non - parametric statistical tests.

11. Explain what you understand by research design.   What is the relevance of internet and computer in academic research?

12. Outline and discuss a typical academic research report.