

Liverpool John Moores University

Title: RESEARCH METHODS & EVIDENCE BASED PRACTICE
Status: Definitive
Code: **7003PQHEAL** (100568)
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Akhtar Wallymahmed	Y

Academic Level: FHEQ7
Credit Value: 20.00
Total Delivered Hours: 36.00
Total Learning Hours: 200
Private Study: 164

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Practical	4.000
Tutorial	2.000
Workshop	6.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Coursework of no more than 5000 words. This involves writing 5 research protocols from 10 given scenarios.	100.0	

Aims

To enable the student to develop:-

1. A comprehensive overview of both qualitative and quantitative research methods

2. *the necessary skills and knowledge to carry out an empirical study at post-graduate level.*

3. *Skills to examine and evaluate key resources for evidence-based practice*

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse the philosophical and practical issues that underpin competing paradigms in research methodology.
- 2 Differentiate and examine the role of basic and applied research in the study of health and healthcare
- 3 Select and justify appropriate research designs and data collection techniques in relation to research questions
- 4 Demonstrate an ability to construct a research proposal/protocol
- 5 Demonstrate an ability to conduct research ethically as outlined by the Research Governance and other ethical codes and regulations
- 6 Identify a clinical question and apply the methods of searching for the evidence.
- 7 Critique and analyse evidence using appraisal criteria.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

5 PROTOCOLS FROM 1 2 3 4 5 6 7
10

Outline Syllabus

Taxonomy of knowledge, competing paradigms and epistemology

The interdependence of theory, research and application

Importance of applied and basic research in the context of health and healthcare

Qualitative and quantitative research designs

Qualitative and quantitative data collection techniques

Ethical issues in research and Research Governance

Formulating research questions

Sampling strategies

Questionnaire design

Reading and evaluating research reports

Nature of evidence

Systematic reviews

Developing research proposals/protocols

Learning Activities

This module intends to build on previous knowledge. Various approaches will be used in the delivery of this module including lectures, practical, discussions and problem-solving. In addition a series of work-shops will be arranged particularly for

the applications of technology in research methods and data analysis.

References

Course Material	Book
Author	Macnee, C. L. & McCabe, S.
Publishing Year	2008
Title	Understanding Nursing Research
Subtitle	Reading and Using Research in Evidence-Based Practice
Edition	
Publisher	Lippincott, Williams & Wilkins
ISBN	

Course Material	Book
Author	Polit, D. F. & Beck, C. T.
Publishing Year	2006
Title	Essentials of Nursing Research
Subtitle	Methods, Appraisal, and Utilization
Edition	
Publisher	Lippincott, Williams & Wilkins
ISBN	

Course Material	Book
Author	Stommel, M. & Wills, C. E.
Publishing Year	2004
Title	Clinical Research
Subtitle	Concepts and Principles for Advanced Nurses
Edition	
Publisher	Lippincott, Williams & Wilkins
ISBN	

Notes

This module examines various methodological approaches and data collection techniques both from the qualitative and quantitative perspectives, in order to equip the students with the necessary skills and knowledge to carry out an empirical study at post-graduate level. A series of practicals/workshops are also organised to develop and enhance technological skills associated with research and data analysis.