

Liverpool John Moores University

Title: Research Methodologies for Paramedics
Status: Definitive
Code: **5002PARA** (121408)
Version Start Date: 01-08-2021

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

Team	Leader
Kay Hughes	Y

Academic Level: FHEQ5
Credit Value: 20
Total Delivered Hours: 61
Total Learning Hours: 200
Private Study: 139

Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	36
Online	12
Tutorial	1
Workshop	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Essay	2000 word article review	50	
Presentation	Pres	Poster presented as a group	50	

Aims

To provide students with the ability to undertake research in relation to paramedic practice. To analyse the value of evidence-based research in the development of health care practice.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise the value of research in the critical evaluation of paramedic practice.
- 2 Identify a range of research methodologies
- 3 Distinguish between research-based methodologies and other approaches that underpin evidence-based practice.
- 4 Appraise current issues relating to evidence based practice and clinical governance.
- 5 Demonstrate findings from a contemporary research issue related to paramedic practice

Learning Outcomes of Assessments

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

Article Review	1	2	4
Poster presentation	3	5	

Outline Syllabus

Qualitative and quantitative research

Key research methods

Ethical and professional considerations in health care research

Integration of evidence into practice

Evaluating the evidence base

Reliability, validity and rigour in research

Data and information sources

Learning Activities

Lecture

Group work

Small presentations

Tutorial

E learning

Notes

This module addresses the key methods of inquiry used by health professionals to enable them to answer research questions relevant to their field of practice. The module will engage the student with notions of research methodology as well as introduce them to specific research techniques. At the heart of the module will be how the ethical and judicious use of research will shape the development of paramedic practice.