

Liverpool John Moores University

Title: Critical Appraisal and Evidence Synthesis
Status: Definitive
Code: **7003MRESHW** (125813)
Version Start Date: 01-08-2021

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

Team	Leader
Lisa Jones	Y

Academic Level: FHEQ7
Credit Value: 30
Total Delivered Hours: 40
Total Learning Hours: 300
Private Study: 260

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	13
Online	10
Seminar	10
Tutorial	5

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Essay	Essay (3500 words)	60	
Exam	Exam	Exam (2 hours)	40	2

Aims

to adopt a systematic approach to searching and utilising literature
to explore approaches to evidence synthesis
to develop skills required for critical appraisal of literature or evidence

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate the processes associated with evidence synthesis
- 2 Critically reflect on the skills associated with accessing evidence to answer a particular issue
- 3 Synthesise evidence from key research paradigms to inform an area of interest
- 4 Critically explore the nature and purpose of evidence

Learning Outcomes of Assessments

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

Essay (3500 words)	1	2	3	4
Exam	1	2	3	4

Outline Syllabus

Evidence based practice and beyond

Introduction to critical appraisal.

The theories of critical appraisal.

Developing a research question (PICO)

The process of searching and utilising evidence.

Conducting a systematic literature search

Reference management and screening

Measuring quality within research. (CASP/DARE)

Data extraction and introduction to evidence synthesis

- Meta-analysis and methods for combining quantitative evidence

- Exploring other methods of evidence synthesis

Learning Activities

Lecture components

Discussion/seminars

Directed Study

Online discussions

Notes

This module provides the fundamental skills students require in critical appraisal and evidence synthesis.