

NURS N9028: Generating Evidence for Healthcare Practice and Improvement

Module Details	
Module Code:	NURS N9028
Full Title:	Generating Evidence for Healthcare Practice and Improvement APPROVED
Valid From::	Semester 1 - 2021/22 (September 2021)
Language of Instruction:	English
Duration:	2 Semesters
Credits::	30
Module Owner::	Geraldine O'Connor
Departments:	Nursing Midwifery & Early Years
Module Description:	This module supports the learner's acquisition of knowledge about research and its application to practice. The learner will be supported by an individual supervisor to enable them to complete a research portfolio to generate evidence, which will support the learner's individual area of practice through the development of a research portfolio

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Critically discuss the conceptual and/or theoretical underpinnings of research designs/approaches.
MLO2	Formulate research aims, objectives, and questions/hypotheses.
MLO3	Prepare a protocol for the conduct of a research project or structured iterative review
MLO4	Critically discuss the ethical principles governing research practice
MLO5	Complete a focused piece of scholarly research
MLO6	Critically appraise contemporary approaches in data collection, data analysis and interpretation of findings
MLO7	Demonstrate the ability to: Produce a paper based on a critical analysis of their completed research project or iterative review, that is ready for submission to an academic journal; Develop an abstract based on a critical analysis of their completed research project/iterative review that is ready for submission as a conference presentation
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content	
Literature Review Content and presentation of a literature review; types of literature reviews; literature searching, search strategies; conducting literature reviews; literature reviews, systematic reviews; bias, omission and inflation of results; Validating the evidence.	
Research Questions Definition of problems worthy of investigation; construction of research questions/research Hypotheses; differentiate between research questions and hypothesis; issues with operational definitions	
Research Methodology and Designs Processes, value and limitations of quantitative, qualitative research and advanced research approaches. Quantitative Research Approaches: Experimental and quasi-experimental designs, Survey designs, Exploratory-descriptive designs, Cross sectional research; Longitudinal research; Retrospective research design; Prospective research designs, systematic reviews - meta analysis Qualitative Research Approaches: Action Research, Ethnography, Phenomenology, Grounded Theory, Discourse Analysis, Narrative Research, systematic reviews - meta synthesis, Mixed Methods	
Data collection, analysis and data storage: Issues of sampling and representativeness; reliability and validity; organisation and presentation of data. Data analysis and interpretation including computer-based statistics analysis packages (SPSS, N-Vivo & PASW). Data storage and management; incorporating anonymisation and retrieval. Ethical issues in research	
Interpretation, application and dissemination Verifying results; implementing findings in practice; dissemination of findings: preparing a poster, conference paper and journal article	
Module Assessment	
Assessment Breakdown	%
Course Work	100.00%
Module Special Regulation	

Assessments

Part Time On Campus			
Course Work			
Assessment Type	Continuous Assessment	% of Total Mark	20
Marks Out Of	100	Pass Mark	40
Timing	n/a	Learning Outcome	4
Duration in minutes	0		
Assessment Description Group Assessment: Group project that examines ethical considerations around undertaking research			
Assessment Type	Continuous Assessment	% of Total Mark	60
Marks Out Of	100	Pass Mark	40
Timing	End-of-Semester	Learning Outcome	1,2,3,4,5,6
Duration in minutes	0		
Assessment Description Continuous Project - Individual Assessment - Focused research /literative review (8,000-10,000 words)			
Assessment Type	Essay	% of Total Mark	20
Marks Out Of	100	Pass Mark	40
Timing	n/a	Learning Outcome	7
Duration in minutes	0		
Assessment Description Prepare a manuscript for publication (3,000-5,000 words, dependent on editorial requirements) and abstract (1 A4 page) for conference submission.			
No Project			
No Practical			
No Final Examination			
Reassessment Requirement			
A repeat examination Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.			

Module Workload

This module has no Full Time On Campus workload.

Workload: Part Time On Campus

<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Practical	Contact	No Description	Once per semester	0.80	12
Lecturer-Supervised Learning (Contact)	Contact	Each student will receive supervision throughout the year	Once per semester	1.00	15
Total Weekly Learner Workload					1.80
Total Weekly Contact Hours					1.80

Module Resources

Recommended Book Resources

Josette Bettany-Saltikov, Robert McSherry. (2016), How to Do a Systematic Literature Review in Nursing, Open University Press, p.229, [ISBN: 9780335263806].
Harte, C.. (2018), Doing a Literature Review: Releasing the Research Imagination, Sage.
Geri LoBiondo-Wood, Judith Haber. (2017), Nursing Research, Mosby, p.552, [ISBN: 9780323431316].

Supplementary Book Resources

John W. Creswell, Cheryl N. Poth. (2017), Qualitative Inquiry and Research Design, Sage Publications, Incorporated, p.472, [ISBN: 1506330207].
John W. Creswell, J. David Creswell. (2018), Research Design, SAGE Publications, Incorporated, p.304, [ISBN: 9781506386706].
Denise F. Polit, Cheryl Tatano Beck. Nursing Research, [ISBN: 9781496308924].

This module does not have any article/paper resources

Other Resources

Cochrane Library and Reviews <https://www.cochranelibrary.com/>, Cochrane Library.
National Institute of Clinical Research - Prospero, National Institute of Clinical Research,
<https://www.crd.york.ac.uk/PROSPERO/#searchadvanced>
National Institute of Clinical Guidelines www.nice.org.uk/, National Institute of Clinical Guidelines www.nice.org.uk/.
National Clinical Guidelines, National Clinical Guidelines,;
<http://health.gov.ie/national-patient-safety-office/ncec/national-clinical-guidelines>