

Course syllabus	Institute	NYAGATARE School of Nursing and Midwifery
	Program	Advanced diploma in Nursing and Midwifery, 2 nd year
	Course title	Initiation to Nursing Research
	Credit – Hours	1 Credit (15 hours)
	Grading	10 points
	Module	III
	Planning of the course	Semester I
	Classroom Location	Room 3
	Prerequisites	Biostatistics (it develops in a superficial way the sampling techniques).
Facilitator's Information	Full name	Dieudonné KAYIRANGA
	Title	Lecturer / HOD-G. Nursing
	Office and Location	Staff Room
	Phone number	0783009299
	Email address	kayiranga2@yahoo.co.uk
	Office hours or contact	Every working day
Course Information	Course description	This 1 credit course is designed to prepare graduate nurse and midwife to be competent in research within healthcare settings. Upon completion of this course, student will be able to describe the stages of a nursing research and compare the various types of research, analyze the results of a nursing research, identify the various parts in a given research, summarize the research task/work, prepare a nursing research project to a chosen topic and present it effectively. In addition to attending classroom session and ICT, students will have an opportunity to establish and maintain professional relationship and communication with other students and make use of computer and internet resources.
	Contribution to the attitude development	At the completion of this course, a nurse/midwife is requested the following: <i>Punctuality, Honesty, Sense of responsibilities, Empathy and self-control.</i>
	Course objectives	Course general objective: At the end of this course, the 2 nd year student will be able to carry out a nursing research. Supporting objectives: To meet this objective, the student will be able to: a) Define different terms used in nursing research



		<ul style="list-style-type: none"> b) Describe the stages of a nursing research. c) Compare the various types of research d) Analyze the results of a nursing research. e) Identify the various parts in a given research. f) Prepare a nursing research project according to a chosen topic. g) Develop a nursing research curiosity h) Summarize a research work/task i) Present effectively the research task
	<p>Required texts, readings and resources.</p>	<p>ELECTRONIC RESOURCES:</p> <ul style="list-style-type: none"> ➤ Corlien M. Varkevisser, Indra Pathmanathan, Ann Brownlee (2003). <i>Designing and Conducting Health Systems Research Projects Volume I: Proposal Development and Fieldwork</i>. WHO/IDRC. http://www.idrc.ca/en/ev-33011-201-1-DO_TOPIC.html ➤ Corlien M. Varkevisser, Indra Pathmanathan, Ann Brownlee (2003). <i>Designing and Conducting Health Systems Research Projects Volume Volume II: Data analysis and report writing</i> WHO/IDR. http://www.idrc.ca/en/ev-33013-201-1-DO_TOPIC.html <p>BOOKS:</p> <ul style="list-style-type: none"> ➤ Kumar, R.(1999). <i>Research Methodology: A step by-step Guide for Beginners</i>. SAG Publications London. ➤ BAUMANN, M., DES CHAMPS , J. P. et al (1992). <i>Projets de recherche et mémoires en santé publique et communautaire: Guide pratique</i>. Centre International de l’Enfance. Paris. ➤ BOWLING, A. (1997). <i>Research methods in health: investating health services</i>. Open University Press. Buckingham, Philadelphia ➤ BRAY, L., HOFMANN, Y. (1998). <i>Le travail de fin d’études : Une approche méthodologique du mémoire</i>. Masson. Paris. ➤ CIOMS (2002) <i>International Ethical Guidelines for Biomedical Research Involving Human Subjects</i>. Council for International Organizations of Medical



	<p>Sciences (CIOMS).Geneva</p> <ul style="list-style-type: none"> ➤ HULLEY,S.B., CUMMINGS, S.R. (1988). <i>Designing clinical research: an epidemiologic approach</i>. Williams & Wilkins. Baltimore ➤ MOUTON, J.E.B. (2003). <i>The practice of social research</i>. Oxford University Press. New York ➤ POLIT, D.F., HUNGLER,B.P.(1983). <i>Nursing research: Principles and methods</i>, J.B.Lippincott company. Philadelphia, Toronto. <p>Other learning materials:</p> <ul style="list-style-type: none"> ➤ Computer soft and hardware (laptop, LCD projector) and internet: ➤ Useful websites: HINARI, INASP and Pub med.
Course Teaching methodology	<p>Various methods will be used including Interactive presentation, Discussions, Brainstorming and Facilitated practice.</p> <p>The students will write a research proposal divided into groups for better understanding of the course. The project must be typed on the computer in the font type of <i>Times New Roman</i>, Size: <u>12</u> with <u>1.5 line spacing</u>, a clearly drawn table of contents and Harvard Referencing Style. Pages must be 20 to 50.</p>
Grading criteria	<p>Class attendance and assignments will be graded on 40 points and Final Written examination on 60 points. The pass mark is 50% of total points.</p> <p><u>N.B:</u> Plagiarism is not acceptable in any academic work. Any evidence of plagiarism in any assignment might lead to annulling the assignment with disciplinary hearing.</p>
Course Content and organization	<p>CHAPTER I: INTRODUCTION</p> <p>1. Terminology</p> <ol style="list-style-type: none"> 1. Research, Knowledge, justification, truth, belief, fact 2. Hypothesis 3. Theory 4. Model 5. Law 6. Empiricism 7. Quantitative Measurements 8. Qualitative measurements 9. Deductive and Inductive Reasoning in research



		<p>2. Reasons for doing research</p> <p>CHAPTER II: DIFFERENT TYPES OF RESEARCH</p> <ol style="list-style-type: none"> 1. Evaluative Research 2. Research Action 3. Basic Research 4. Operational research 5. Quantitative research 6. Qualitative research 7. Cross-sectional research 8. Longitudinal Research 9. Prospective Studies 10. Retrospective Studies <p>11. Epidemiological Research</p> <p>11.1 Observational Studies</p> <ul style="list-style-type: none"> ➤ Descriptive Studies <ul style="list-style-type: none"> ▪ Case Report ▪ Case Series ▪ Community Health Status Reports ➤ Analytical Studies <ul style="list-style-type: none"> ▪ Ecological Studies ▪ Cross-Sectional Studies ▪ Case-Control Studies ▪ Cohort Studies <p>11.2 Experimental Studies</p> <ul style="list-style-type: none"> ➤ Randomized Controlled Trials (Clinical Trials) ➤ Field Trials ➤ Community Trials ❖ Study designs in experimental studies <ol style="list-style-type: none"> 12. Selection of a Study Design 13. Validity and Reliability of the Results of the Study <p>CHAPTER III: DIFFERENT STEPS OF RESEARCH</p> <ol style="list-style-type: none"> 1. Identification of the Research problem and Title for the study
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Course Policies	<ul style="list-style-type: none"> ✓ Every student is requested to complete required readings and prepare for class before attending; ✓ They are also required to attend regularly class as indicated in the academic regulations; ✓ Full active individual and group participation is recommended. ✓ Student should refer to the academic regulations for the course attendance and lateness policies ✓ The facilitator will verify at each class session attendances, and that will be taken into consideration when it is the time of allocating marks. ✓ Language to be used: English. 	

