RESEARCH METHODOLOGY IN NURSING

1. GENERAL

SCHOOL	**HEALTH REHABILITATION SCIENCES**		
ACADEMIC UNIT	**NURSING**		
LEVEL OF STUDIES	**UNDERGRADUATE**		
COURSE CODE	**NUR_704**	**SEMESTER**	**7th**
COURSE TITLE	**RESEARCH METHODOLOGY IN NURSING**		

INDEPENDENT TEACHING ACTIVITIES	**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures	2	6
Tutorial	2	

COURSE TYPE	Compulsory
PREREQUISITE COURSES:	-
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes (essay in English)
COURSE WEBSITE (URL)	https://eclass.upatras.gr (Ctrl+κλικ)

2. LEARNING OUTCOMES

Learning outcomes

Upon completing the course, students will be able to:
- identify the purpose and usefulness of nursing research
- identify health problems that require research
- design and perform nursing research
- apply appropriate research methods for each research study
- design and use research protocols
- use a computer to search for a literature review
- use statistical programs to analyze research data
- write a research report and present the research work

General Competences

General Competencies
- Search, analyze and synthesize data and information, using the necessary technologies
- Adapt to new situations
- Decision making
- Autonomous work
- Teamwork
- Working in an interdisciplinary environment
- Production of new research ideas
- Respect for diversity and multiculturalism
- Exercise criticism and self-criticism
- Promoting free, creative and inductive thinking

3. SYLLABUS

Section A: Introduction to Nursing Research
1. Definition, evolution, and philosophy of research
2. Ethical and moral issues in health research
Section B: Research Design
1. Research steps
2. Types of research (quantitative - qualitative - triangulation).
3. Literature review
4. Theoretical framework for research
5. Problem solving (cases, questions)
6. Sampling
Section C: Data Collection Methods
1. Questionnaires (measurement scales - validity - reliability)
2. Interviews - observation (measurement scales - validity - reliability)
Section D: Conduct a research
1. Pilot - main research (characteristics)
Section E: Data Analysis
1. Quantitative data
2. Qualitative data
Section F: Spreading research information
1. Writing a research report
2. Presentation of the research work
- The course ends with the laboratory part of the Basic Principles of Nursing science, which focuses on the demonstration and understanding of the basic nursing activities, as well as the acquisition of skills for handling patient's basic health problems.

COURSE CONTENT (LABORATORY)

- Demonstrate and understand PC in research methodology
- Literature review search
- Databases
- Statistical programs
- Data Analysis
- Presentation of research work

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY.	Face-to-Face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Yes
TEACHING METHODS	

Activity	***Semester workload***
Face to face (lectures, questions, discussion etc)	50
Case Study / Study and analysis of bibliography	10
Laboratory exercises	15
Limited individual coursework	30
Independent study	41
Final examination	4
Course total	**150**

STUDENT PERFORMANCE EVALUATION	**A. THEORY**	
	Final written examination	70%
	B. TUTORIALLABORATORY SKILLS	
	Oral presentation	30%
	The final exam will be written in the Greek language. Course Evaluation: Upon completing 2/3 of the semester, the students will complete a questionnaire, including closed and open-ended questions. The results of the questionnaires will be analyzed and feedback will be applied in order to improve the course.	

5. ATTACHED BIBLIOGRAPHY

- Research methodology in health care. Darviri. Paschalidis publications 2009, Athens.
- Research methodology. BOWLING. Paschalidis Publications 2013, Athens.
- Research methodology in health care. Saxini-Kardasi. Beta publications 1997, Athens.