

A SEMESTER

INTRODUCTION TO NURSING SCIENCE

1. GENERAL

SCHOOL	HEALTH REHABILITATION SCIENCES		
ACADEMIC UNIT	NURSING		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	NUR_101	SEMESTER	1 st
COURSE TITLE	INTRODUCTION TO NURSING SCIENCE		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	CREDITS
Lectures		3	8
Clinical Skills Laboratory - Tutorials		5	
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
<p>Upon completing the course, students will be able to:</p> <ul style="list-style-type: none"> • identify the cultural, legal and ethical factors that affect nursing clinical training and education • understand the concepts of health and illness • comprehend the importance of vital signs as prognostic indicators of disease progression • understand the concepts of aseptic techniques, sterilization and disinfection • evaluate (holistically) the needs and problems of the individual and his/her family • apply the nursing process • practice effective communication skills to obtain adequate and correct information • use critical thinking in making clinical decisions
General Competences
<ul style="list-style-type: none"> • 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 Science

1. Philosophy of Nursing and Nursing Education
2. Nursing Education - Prospects for Development and Areas of Work of Nurses
3. Cultural, Legal and Ethical Aspects of Nursing

Section B: Health and illness

1. Health - Holistic health view
2. Factors that affect health
3. Individual defense mechanisms - Levels of primary, secondary and tertiary prevention
4. Disease

Section C: Vital Signs - Aseptic, Sterilization

1. Temperature, Respirations, Pulse, Blood Pressure

Section D: Communication

1. Models - Forms of Communication - The Role of the Nurse in Communication
2. Communication barriers and effective communication skills
3. Interview - Critical Thinking

Section E: Nursing Process

1. Definition, purpose, stages
2. Nursing Process Examples (Simple Incident, Medium Complexity, Complex care)
- The course also includes the Clinical Skills Laboratory that focuses on demonstrating and understanding the following nursing skills: recording vital signs, aseptic technique -sterilization, obtaining a nursing history, applying the nursing process and principles of basic nursing care.

COURSE CONTENT (CLINICAL SKILLS LABORATORY)

- Patient positioning
- Basic principles of hand hygiene - antisepsis and aseptic technique
- Handling sterile material
- Sterile glove technique
- Recording vital signs
- Obtaining a patient history
- Nursing Process

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-Face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Yes	
TEACHING METHODS	<i>Activity</i>	<i>Semester workload</i>
	Face to face (lectures, questions, discussion, etc.)	50
	Tutoring	16
	Case Study / Study and Analysis of Bibliography	39
	Laboratory skills development	26
	Limited individual coursework	30
	Independent study	35
	Final Examination	4
	Total course	200
STUDENT PERFORMANCE EVALUATION	A. THEORY	
	B. TUTORIALS	

	Final written examination	70%
	Essay	30%
C. CLINICAL SKILLS LABORATORY		
	Final oral examination	100%
<p>The final score is determined by 50% of the Theory and 50% of the Clinical Skills Laboratory score. The student must pass both the theoretical and the laboratory part in order to successfully complete the course.</p> <p>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.</p>		

5. ATTACHED BIBLIOGRAPHY

Introduction to nursing science and health care. Bakalis, et al – Paschalidis publications, 2014, Athens.

Fundamental principles of nursing: the science and art of hospital care. TAYLOR, LILLIS, LEMONE. Paschalidis publications, 2006, Athens.

Introduction to nursing science – concept and philosophy framework. Konstantaras publications, 2016, Athens.

Introduction to nursing science. Ziga, Bitá publications 2013, Athens.