



1. General information

Course: MEDICAL-SURGICAL NURSING 2

Type: CORE COURSE

Degree: 389 - UNDERGRADUATE DEGREE PROGRAMME IN NURSING (CU)

Center: 302 - FACULTY OF NURSING OF CUENCA

Year: 2

Main language: Spanish

Use of additional
languages:

Web site:

Code: 15322

ECTS credits: 6

Academic year: 2023-24

Group(s): 30

Duration: C2

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: MARIA JOSE DIAZ VALENTIN - Group(s): 30

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Lecturer: MARIA JOSE RODRIGUEZ SANCHEZ - Group(s): 30

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2. Pre-Requisites

No prerequisites are established, although it is recommended that the student has taken the subjects: Human Anatomy, Human Physiology, Fundamentals of Nursing. You should also be familiar with the tools of the Moodle platform.

3. Justification in the curriculum, relation to other subjects and to the profession

This subject, a compulsory part of the UCLM Nursing Degree Study Plan, is one of those that make up the Nursing Care in Adult and Elderly Nursing subject within the Nursing Science Module.

The purpose of the course is to prepare students to provide nursing care in any of its fields of action (hospital, community, outpatient and home) to adult individuals with health problems, based on principles of bioethics and human sciences, integrating knowledge, skills and attitudes related to promotion, prevention, treatment, recovery, rehabilitation, projecting care to the individual and the family.

Medical-Surgical Nursing, which in this Study Plan is divided into four subjects (Medical-Surgical Nursing 1, 2, 3 and 4) allows the student to acquire the skills to provide care for adults with health alterations that affect their structure and function, and require medical or surgical treatment to restore normal functioning or alleviate the effects of the disease.

4. Degree competences achieved in this course

Course competences

Code	Description
A02	To know the use and indication of health products linked to nursing care.
A04	To know the use of medicines, evaluating the expected benefits and the associated risks and/or effects derived from their administration and consumption.
A05	To know and assess the nutritional needs of healthy people and people with health problems throughout the life cycle, promoting and reinforcing patterns of healthy eating behavior. To identify the nutrients and foods in which they are found. To identify the most prevalent nutritional problems and select the appropriate dietary recommendations.
A06	To apply the information and communication technologies in systems of health care.
A07	To know the physiopathological processes, their manifestations and the risk factors that determine the health and disease states in the different stages of the life cycle.
A09	To recognize life-threatening situations and know how to execute basic and advanced life support maneuvers.
A10	To know and to identify psychological and physical problems derived from gender violence to train students in the prevention, early detection, assistance, and rehabilitation of victims of this form of violence.
A13	To apply the nursing process to provide and guarantee the well-being, quality and safety of the people served.
A14	To know and apply the principles that support comprehensive nursing care.
A15	To direct, evaluate and provide comprehensive nursing care to the individual, the family and the community.
A17	To know the health alterations of the adult, identifying the manifestations that appear in their different phases. To identify the care needs derived from health problems. To analyze the data collected in the assessment, prioritizing the problems of the adult patient, establishing and executing the care plan and perform its evaluation. To perform nursing care techniques and procedures, establishing a therapeutic relationship with patients and family members. To select interventions aimed at treating or preventing problems derived

A28	from health deviations. To have a cooperative attitude with the different members of the team. To know the physical principles, clinical indications, norms of protection and care in radiological examinations and treatments, as well as in other techniques of diagnostic imaging.
B01	To have proficiency in a second foreign language, preferably English, at the level of the Common European Framework of Reference for Languages.
B02	To master the Information and Communication Technologies (ICT).
B03	To demonstrate a correct oral and written communication.
B04	To demonstrate ethical commitment and professional deontology.
C01	Learning to learn.
C02	To solve complex problems effectively in the nursing field.
C03	To apply critical, logical and creative thinking, demonstrating innovation skills.
C04	To work autonomously with responsibility and initiative.
C05	To work in a team in a collaborative way and shared responsibility.
C06	To communicate information, ideas, problems and solutions clearly and effectively in a specific public or technical field.
C07	To show sensitization in environmental issues.
C08	To manage complex technical or professional projects.

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Know the health alterations and their manifestations in the adult and elderly.

Communicate with clarity concepts related to care and use of technical terminology in another language, if necessary.

Use the nursing care process holistically and ethically as a work tool, performing the assessment, identifying problems and prioritizing interventions in the adult and the elderly.

Use the different groups of drugs knowing their benefits and possible risks.

Use information and communication systems and technologies in health care.

Perform nursing techniques and procedures correctly.

Know the basic principles of radiological and imaging diagnostic tests and perform specific care in the explorations and treatments carried out by these means.

Identify the most prevalent nutritional problems, knowing the adequate dietary recommendations in the different health problems.

Identify and use health products linked to nursing care.

Recognize situations of vital risk and know how to manage taking the necessary measures.

Collaborate in the realization of techniques and procedures in an interdisciplinary way.

Additional outcomes

6. Units / Contents

Unit 1: Nursing Care for Patients with Cardiovascular Problems

Unit 1.1 Assessment of the patient with cardiovascular problems. Semiology. Complementary tests

Unit 1.2 Nursing care in structural cardiopathies. Valvulopathies.

Unit 1.3 Inflammatory and infectious problems: Pericarditis, endocarditis.

Unit 1.4 Nursing care in coronary artery disease

Unit 1.5 Cardiorespiratory arrest and Cardiopulmonary Resuscitation.

Unit 1.6 Nursing care in complications of heart disease: Heart failure. Acute pulmonary edema

Unit 1.7 Angiopathies. Arterial hypertension. Nursing care.

Unit 1.8 Phlebopathies. Embolisms. Thrombosis. Nursing Care

Unit 1.9 Nursing care for patients with vascular ulcers

Unit 2: Nursing care for patients with haematological problems

Unit 2.1 Assessment of the patient with haematological disorders. Semiology. General physiopathology and pathological anatomy. Complementary tests

Unit 2.2 Treatment with blood products. Nursing Care

Unit 2.3

Unit 2.4

Unit 3: Nursing care for patients with respiratory problems

Unit 3.1 Assessment of the patient with respiratory disorders. Semiology. General physiopathology and pathological anatomy. Complementary tests

Unit 3.2 Pulmonary tuberculosis. Bronchiectasis. Lung cancer. Pneumothorax. Restrictive disorders.

Unit 3.3 Upper respiratory tract problems

Unit 3.4 Acute respiratory failure. Nursing control and management.

Unit 3.5

Unit 4: Nursing care for patients with nephrourological problems.

Unit 4.1 Assessment of the patient with nephrourological problems. Semiology. General physiopathology and pathological anatomy. Complementary tests

Unit 4.2 Renal and urological disorders. Infectious and inflammatory disorders of the urinary system. Immunological renal disorders. Obstructive problems. Tumors of the urinary tract. Surgery of the urinary tract. Nursing Care

Unit 4.3 Acute renal failure and chronic renal disease. Dialysis and renal transplantation. Nursing Care

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
							This activity presents the key aspects of the fundamental Contents of the subject, which will allow the student to achieve objectives related to knowledge and knowledge. It also

Class Attendance (theory) [ON-SITE]	Lectures	A02 A04 A05 A06 A07 A09 A10 A13 A14 A15 A17 A28	1.4	35	N	-	aims to lead students to reflect and discover the relationships between the various concepts promoting a critical attitude in the way to address problems. In the Moodle platform the student will be able to monitor the subject, consulting the indications and materials proposed by the teacher.
Class Attendance (practical) [ON-SITE]	Guided or supervised work	A02 A04 A09 A13 A14 A15 A17 A28 B03 B04 C01 C02 C03 C04 C05 C06 C07 C08	0.8	20	Y	Y	Their main objective is to carry out activities that connect the theoretical contents with the practical contents. The plenary group is divided into groups of 25 students. Simulation of nursing procedures with anatomical models and simulation teaching material.
Study and Exam Preparation [OFF-SITE]	Self-study	A09 A13 A14 A15 A17 B03 B04 C01 C03 C07	2.4	60	N	-	Study of the contents of the subject and preparation of evaluation tests.
Writing of reports or projects [OFF-SITE]	Group Work	B02 B03 B04 C01 C02 C03 C04 C05 C06 C08	0.8	20	Y	N	Autonomous work, creativity and relationship with the group. Contributions to group work and assessment of interventions.
Final test [ON-SITE]	Assessment tests	A02 A04 A05 A06 A07 A09 A10 A13 A14 A15 A17 A25 A28 B03 C02 C03	0.08	2	Y	Y	Mastery of the basic concepts of the subject. Demonstration of the knowledge by means of a written test.
Individual tutoring sessions [ON-SITE]	Guided or supervised work	A13 A14 B02 B03 B04 C01 C03 C05 C06	0.12	3	N	-	
Self-study [OFF-SITE]	Group Work	B01 B02 B03 B04	0.4	10	Y	N	Group work, mastery of ICTs and use of nursing language
Total:			6	150			
Total credits of in-class work: 2.4			Total class time hours: 60				
Total credits of out of class work: 3.6			Total hours of out of class work: 90				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Final test	70.00%	100.00%	
Assessment of problem solving and/or case studies	15.00%	0.00%	Evaluation of the development and resolution of the problem(s) raised.
Laboratory sessions	15.00%	0.00%	Passing the course implies having carried out the autonomous activities (memoirs, search for information, etc.) and having attended all the programmed group activities.
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

Evaluation criteria for the final exam:

Continuous assessment:

The student must take a final exam (theoretical-practical contents of the program) according to the official examination schedule approved by the Center Board.

The evaluation of the activity "laboratory practices" will be made with tests of continuous evaluation during the course of the same ones and in the final test. Students who are repeating the subject, it is clarified that the grades of the workshops, seminars and / or laboratory practices of the previous course will be kept as long as they are equal to or greater than 5, provided that the contents developed in the present course are similar to the course in which they were approved.

The final evaluation will be based on the weighted average of the following tests and having passed them with a minimum grade of 5:

- Written test with a weight of 70% of the final grade.
- Execution and improvement of laboratory practices; with a weight of 15% of the final grade.
- Resolution of cases or problems; with a weight of 15%.

In order to apply the weighted average, it is established as a requirement to have successfully passed tests A and B. In the case of not passing any of them, the calculation of the weighted average will not be applied, but the grade of the passed (A or B) will be kept for the extraordinary call.

Non-continuous evaluation:

Evaluation criteria not defined

Specifications for the resit/retake exam:

In this convocation the student will have to be examined of the or of the blocks of the subject not approved in the previous academic year, that are divided in two final tests (theoretical part and practical part of laboratory). In order to do so, it is compulsory to have attended the "laboratory practices" activity during the previous academic year.

Specifications for the second resit / retake exam:

It will be carried out:

- Written test of multiple choice items and resolution of clinical case and/or developmental questions.
- Simulated practical exam on the nursing procedures performed.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 4): Nursing Care for Patients with Cardiovascular Problems	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	13
Class Attendance (practical) [PRESENCIAL][Guided or supervised work]	8
Study and Exam Preparation [AUTÓNOMA][Self-study]	10
Writing of reports or projects [AUTÓNOMA][Group Work]	10
Individual tutoring sessions [PRESENCIAL][Guided or supervised work]	1
Self-study [AUTÓNOMA][Group Work]	1
Group 30:	
Initial date: 29-01-2024	End date: 18-02-2024
Unit 2 (de 4): Nursing care for patients with haematological problems	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	8
Class Attendance (practical) [PRESENCIAL][Guided or supervised work]	8
Study and Exam Preparation [AUTÓNOMA][Self-study]	20
Writing of reports or projects [AUTÓNOMA][Group Work]	5
Individual tutoring sessions [PRESENCIAL][Guided or supervised work]	1
Self-study [AUTÓNOMA][Group Work]	2
Group 30:	
Initial date: 19-02-2024	End date: 25-02-2024
Unit 3 (de 4): Nursing care for patients with respiratory problems	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	8
Class Attendance (practical) [PRESENCIAL][Guided or supervised work]	4
Study and Exam Preparation [AUTÓNOMA][Self-study]	12
Writing of reports or projects [AUTÓNOMA][Group Work]	5
Individual tutoring sessions [PRESENCIAL][Guided or supervised work]	1
Self-study [AUTÓNOMA][Group Work]	4
Group 30:	
Initial date: 26-02-2024	End date: 17-03-2024
Unit 4 (de 4): Nursing care for patients with nephrourological problems.	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	6
Study and Exam Preparation [AUTÓNOMA][Self-study]	16
Writing of reports or projects [AUTÓNOMA][Group Work]	2
Final test [PRESENCIAL][Assessment tests]	2
Self-study [AUTÓNOMA][Group Work]	3
Group 30:	
Initial date: 18-03-2024	End date: 05-05-2024
Global activity	
Activities	hours
Class Attendance (theory) [PRESENCIAL][Lectures]	35
Class Attendance (practical) [PRESENCIAL][Guided or supervised work]	20
Study and Exam Preparation [AUTÓNOMA][Self-study]	58
Writing of reports or projects [AUTÓNOMA][Group Work]	22
Final test [PRESENCIAL][Assessment tests]	2
Self-study [AUTÓNOMA][Group Work]	10
Individual tutoring sessions [PRESENCIAL][Guided or supervised work]	3
Total horas: 150	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Olasveengen TM et al	European Rescitation Council Guidelines 2021: Basic Life Support				2021	
Soar J, et al	Guidelines 2021: Adult advanced life support				2021	
Butcher HK	Clasificación de intervenciones de Enfermería (NIC)	Elsevier	Madrid	9788491134749	2018	
Brunner y Suddarth	Enfermería Médico-Quirúrgica	Wolters Kluwer	L'Hospitalet de Llobregat (Barcelona)	978-84-17370-35-0	2018	
Burke K, Lemone P	Enfermería Médico-Quirúrgica vol. I y II	Pearson	Madrid	9788483225189	2009	
Piqueras Flores J, Gómez	Electrocardiografía para					

Ramírez D	estudiantes de Medicina	UCLM	Cuenca	978-84-9044-375-0	2020
Moorhead S.	Clasificaicon de resultados de enfermería (NOC): medición de resultados en salud	Elsevier	Madrid	8491134050	2018
Heather Herdman T, Kamitsuru S, Takáo Lopes	Diagnósticos enfermeros: definiciones y clasificación 2021-2023	Elsevier	Madrid	978-8413821276	2021
Píriz Campos R, De la Fuente Ramos M	Enfermería Médico Quirúrgica I, II, III	DAE	Madrid		2015