

## COURSE DESCRIPTION

### COURSE DETAILS

Title (of the course): **ENFERMERÍA DEL ADULTO I**

Code: 100016

Degree/Master: **GRADUADO EN ENFERMERÍA**

Year: 2

Name of the module to which it belongs: CIENCIAS DE ENFERMERÍA

Field: ENFERMERÍA EN LAS DISTINTAS ETAPAS DEL CICLO VITAL

Character: OBLIGATORIA

Duration: SECOND TERM

ECTS Credits: 6.0

Classroom hours: 60

Face-to-face classroom percentage: 40.0%

Study hours: 90

Online platform:

### LECTURER INFORMATION

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### PREREQUISITES AND RECOMMENDATIONS

#### Prerequisites established in the study plan

None

#### Recommendations

None specified

## COURSE DESCRIPTION

### INTENDED LEARNING OUTCOMES

CB1	To possess and understand knowledge in an area of study that is based on general secondary education, and that is usually found at a level that, although supported by advanced textbooks, also includes some aspects that imply knowledge coming from the vanguard of the field of study.
CB2	To know how to apply knowledge to work or vacation in a professional way. To have the skills that are usually demonstrated through the elaboration and defence of arguments and the resolution of problems within their area of study.
CB3	To be able to collect and interpret relevant data (normally within the student's area of study) to make judgements that include a reflection on relevant issues of a social, scientific or ethical nature.
CB4	To be able to transmit information, ideas, problems and solutions to either a specialised audience or an unspecialised one.
CB5	To develop the the skills necessary to undertake further studies with a high degree of autonomy.
CET13	To know the principles of health and socio-health financing, and use available resources correctly.
CET14	To establish evaluation mechanisms taking into consideration scientific-technical aspects as well as those of quality.
CET15	To work with a team of professionals as a basic unit in which professionals and other personnel of healthcare organisations are structured in a uni- or multi-disciplinary and inter-disciplinary manner.
CEM9	To distinguish life-threatening situations and comprehend how to perform basic and advanced life support procedures.
CEM13	To apply the nursing process to provide and guarantee welfare, quality and safety of the people being attended to.
CEM14	To know and apply the principles that adjust to the integrative nursing care.
CEM15	Manage, evaluate and provide comprehensive nursing care to the individual, the family and the community.
CEM17	To know adults' health alterations, recognizing the manifestations that appear in the different phases. To identify care needs arising from health problems. To analyze the data collected in the assessment while prioritizing the issues of the adult patient, establishing and executing the care plan, and performing its evaluation. To carry out nursing care techniques and procedures, establishing a therapeutic relationship with patients and their families.
CEM25	To know the palliative care and pain management to provide care that helps both, the advance and terminals patients' state of health.

### OBJECTIVES

- To understand health disorders that most frequently affect the respiratory, cardiovascular, haematological, renal, and endocrine systems.
- To identify the care needs arising from adult health problems in the aforementioned systems.
- To analyse the data collected in the assessment, prioritize the problems of the adult patient, establish, and execute the care plan and carry out its evaluation.
- To carry out nursing care techniques and procedures, establishing a therapeutic relationship with patients and their families.
- To select interventions aimed at treating or preventing problems arising from health disorders in adults.

## COURSE DESCRIPTION

### CONTENT

#### 1. Theory contents

##### PART I. GENERAL.

UNIT 1. Critical thinking and Nursing process. Health assessment. Anamnesis.

UNIT 2. Human response to diseases. The patient with chronic diseases.

UNIT 3. The surgical patient. General concepts of surgery. Preoperative and postoperative care.

UNIT 4. Skin disorders. The patient with pressure ulcers.

##### PART II. RESPIRATORY DISORDERS.

UNIT 5. Anatomical-physiological review. Nursing care plan.

UNIT 6. Main signs and symptoms of the respiratory system.

UNIT 7. Diagnostic procedures and nursing performance.

UNIT 8. Main disorders of the upper respiratory tract. Nursing care.

UNIT 9. Main disorders of the bronchial tube and lungs I. First part. Respiratory infections.

UNIT 10. Main disorders of the bronchial tube and lungs I. Second part. Bronchiectasis. Atelectasis. Pulmonary thromboembolism. Bronchogenic cancer.

UNIT 11. Main disorders of the bronchial tube and lungs II. COPD. Respiratory insufficiency.

UNIT 12. Main disorders of the bronchial tube and lungs III. Diseases that affect the pleura. Thoracic drainage care.

UNIT 13. General concepts of thoracic surgery. Thoracic trauma. Post-surgical care.

##### PART III. CARDIOVASCULAR DISORDERS.

UNIT 14. The patient with cardiovascular diseases. Main signs and symptoms. Nursing performance in realization of the main cardiac diagnostic and therapeutic procedures.

UNIT 15. Main disorders in the functionality of the heart pump I. Heart failure. Nursing care.

UNIT 16. Main disorders in the functionality of the heart pump II. Ischemic heart disease. Angina pectoris and heart attack. Nursing care.

UNIT 17. Main disorders in the functionality of the cardiac pump III. Pericarditis. Infectious endocarditis and valvular disease.

UNIT 18. Cardiac rhythm disorders. Pacemaker. Nursing care. Catheterizations.

UNIT 19. Peripheral arterial insufficiency. Peripheral venous changes.

UNIT 20. General concepts of cardiac surgery. Pre- and post-surgical care.

##### PART IV. HEMATOLOGICAL DISORDERS.

UNIT 21. Anatomical-physiological review. Signs and symptoms. Diagnostic tests. Nursing care.

UNIT 22. White blood cells disorders. Nursing care.

UNIT 23. Haemostasis disorders. Nursing care.

##### PART V. RENAL DISORDERS.

UNIT 24. Nephro-urological disorders I. Nursing care.

UNIT 25. Nephro-urological disorders II. Nursing care.

##### PART VI. ENDOCRINE DISORDERS.

UNIT 26. Main disorders of endocrine function I.

UNIT 27. Main disorders of endocrine function II.

UNIT 28. The diabetic patient. Nursing care.

#### 2. Practical contents

- The patient with wounds. Healing process. Dressings and healing products.
- Venous catheterisation. Blood gases.
- Humanization of care.
- Basic electrocardiography. Arrhythmias.
- Urinary catheterisation. Urinary diversion.
- Knowing the operating theatre and surgical patient care.

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- The diabetic patient. Insulin management.

## SUSTAINABLE DEVELOPMENT GOALS RELATED TO THE CONTENT

Good health and well-being

## METHODOLOGY

### General clarifications on the methodology (optional)

The syllabus and contents of the practical cases will be detailed by the teaching staff during the subject, in class or through the virtual platform.

### Methodological adaptations for part-time students and students with disabilities and special educational needs

Contact the lecturer as soon as possible.

### Face-to-face activities

Activity	Large group	Medium group	Total
<i>Assessment activities</i>	4	-	4
<i>Lectures</i>	38	-	38
<i>Tutorials</i>	4	-	4
<i>Workshop</i>	-	14	14
<b>Total hours:</b>	<b>46</b>	<b>14</b>	<b>60</b>

### Off-site activities

Activity	Total
<i>Information search</i>	20
<i>Reference search</i>	20
<i>Self-study</i>	50
<b>Total hours</b>	<b>90</b>

## WORK MATERIALS FOR STUDENTS

Coursebook  
Oral presentations  
References

## COURSE DESCRIPTION

## EVALUATION

Intended learning	Case study/clinical case discussion/scientific work discussion	Exams	Real and/or simulated tasks
CB1		X	
CB2		X	
CB3		X	
CB4		X	
CB5			X
CEM13	X	X	X
CEM14	X		X
CEM15	X	X	X
CEM17	X		X
CEM25	X		X
CEM9	X	X	X
CET13		X	
CET14		X	X
CET15	X	X	X
<b>Total (100%)</b>	<b>20%</b>	<b>60%</b>	<b>20%</b>
<b>Minimum grade</b>	<b>4</b>	<b>4</b>	<b>4</b>

(\*)Minimum mark (out of 10) needed for the assessment tool to be weighted in the course final mark. In any case, final mark must be 5,0 or higher to pass the course.

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### Method of assessment of attendance:

- Attendance control will be carried out by controlling signatures in the medium group workshops.
- Attendance recovery system in subsequent calls: only attendance at workshops in the first call will be controlled. If there is a justified absence, it will be made up through work proposed by the teacher on the second call. An absence from a workshop means a loss of 14% of the teaching hours dedicated to this. If there is more than one absence, it will result in a failure in the first call and in the second call the exam will count a 90% of the grade, and attendance to workshops would not count.
- Period of validity: Attendance counts for the first call only.
- Fault recovery system. In the first call the faults cannot be recovered, in the second call, already specified above

### General clarifications on instruments for evaluation:

EXAM= 6 POINTS (it is necessary to have a 3 to pass the subject) 50 MULTIPLE CHOICE-TYPE QUESTIONS WITH FOUR ANSWER OPTIONS. SUCCESSES - ERRORS /3. (5 POINTS).

2 SHORT QUESTIONS (0.5 EACH) WORKSHOPS = 2 POINTS

THE WORKSHOPS ARE EVALUATED WITH 10 QUESTIONS AT THE END OF EACH WORKSHOP. (0.285 EACH WORKSHOP AND IT CAN ONLY BE MISSED ONE)

PRACTICAL CASES= 2 POINT.

A PRACTICAL CASE PROPOSED BY THE LECTURER.

The minimum grade will be applied only for the exam that is 3 out of 6 to pass. There is no minimum grade in the other evaluation instruments. The final grade, if the minimum exam grade is not exceeded, will be failed.

The final grade, if there is more than one lack of attendance at the workshops, will be failed on the first call with a 4.

- Type of exam for each call:

First call: multiple choice and short questions.

Second call: multiple choice.

### Clarifications on the methodology for part-time students and students with disabilities and special educational needs:

Contact the lecturer as soon as possible.

### Clarifications on the evaluation of the extraordinary call and extra-ordinary call for completion studies:

Specified in evaluation methodology

### Qualifying criteria for obtaining honors:

*The student must have at least 9.5.*

## BIBLIOGRAPHY

### 1. Basic Bibliography

- Brunner y Suddarth. Enfermería Medico-Quirúrgica ( 12a ed.) MacGraw-Hill Interamericana; 2013.
- Barrachina L. Enfermería Médico-Quirúrgica. Generalidades. Masson. Barcelona; 2003
- Dubin. Electrocardiografía práctica. 3a Edición. Manual de bolsillo. ACSL.
- Rayón E. Manual de Enfermería Medico-Quirúrgica. Vol. I, II y III. Madrid. Síntesis; 2002

## COURSE DESCRIPTION

### 2. Further reading

None

## COORDINATION CRITERIA

Tasks deadlines

## SCHEDULE

Period	Assessment activities	Lectures	Tutorials	Workshop
1# Fortnight	0,0	6,0	0,0	2,0
2# Fortnight	0,0	6,0	0,0	2,0
3# Fortnight	0,0	6,0	0,0	2,0
4# Fortnight	0,0	6,0	0,0	2,0
5# Fortnight	0,0	5,0	0,0	2,0
6# Fortnight	0,0	3,0	0,0	2,0
7# Fortnight	4,0	6,0	4,0	2,0
<b>Total hours:</b>	<b>4,0</b>	<b>38,0</b>	<b>4,0</b>	<b>14,0</b>

The methodological strategies and the evaluation system contemplated in this Course Description will be adapted according to the needs presented by students with disabilities and special educational needs in the cases that are required.