

## COURSE DESCRIPTION

### COURSE DETAILS

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

Code: 100016

Degree/Master: **GRADUADO EN ENFERMERÍA**

Year: 2

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.

## COURSE DESCRIPTION

### 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.
- 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

**COURSE DESCRIPTION**

Activity	Total
<i>Total hours</i>	<i>90</i>

**WORK MATERIALS FOR STUDENTS**

Coursebook  
 Oral presentations  
 References

**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	
CEM14		X	X
CEM15	X	X	X
CEM17	X		X
CEM25	X		X
CEM9	X	X	X
CET13	X	X	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.

## COURSE DESCRIPTION

### 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:

The exam in the first call type test and short questions and in the second call and following only type test:

EXAM= 6 POINTS (it is necessary to have a 3 to pass the course) 50 TEST-TYPE QUESTIONS WITH FOUR RESPONSE OPTIONS. SUCCESSES -ERRORS/3. (5 POINTS)

2 SHORT QUESTIONS (0.5 EACH)(1 POINT)

WORKSHOPS = 2 POINTS

THE WORKSHOPS ARE EVALUATED WITH 10 QUESTIONS AT THE END OF EACH WORKSHOP. (0.285 EACH WORKSHOP AND ONLY

YOU CAN MISS ONE)

PRACTICAL CASES= 2 POINT

THE PRACTICAL CASES WILL BE PROPOSED BY THE TEACHER.

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

-Specifies type of exam for each call:

First call: multiple choice and short questions. Second call: multiple choice

FIRST EXTRAORDINARY CALL AND EXTRAORDINARY CALL FOR COMPLETION OF STUDIES

Multiple choice exam that counts 10 points.

If the student has completed the workshops and practical cases in the first registration, the notes of the same two academic years are saved and the exam would be multiple choice and would score out of 6.

### 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 first 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 Médico-Quirúrgica ( 12a ed.) MacGraw-Hill Interamericana; 2013.
- Barrachina L. Enfermería Médico-Quirúrgica. Generalidades. Masson. Barcelona; 2003



## COURSE DESCRIPTION

- Dubin. Electrocardiografía práctica. 3a Edición. Manual de bolsillo. ACSL.
- Rayón E. Manual de Enfermería Medico-Quirúrgica. Vol. I, II y III. Madrid. Síntesis; 2002

### 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.

## CONTINGENCY PLAN: CASE SCENARIO A

Case scenario A will correspond to a diminished on-site academic activity due to social distancing measures affecting the permitted capacity of classrooms.

## METHODOLOGY

### General clarifications on the methodology on case scenario A

A multimodal (hybrid) teaching system will be adopted, combining both on-site and remote classes via videoconference (synchronous) that will be held in the timetable approved by the corresponding Faculty or School. The time distribution of teaching activities (both on-site and remote) will be decided by the aforementioned Faculties and Schools bearing in mind the permitted capacity of classrooms and social distancing measures as established at that time.



## COURSE DESCRIPTION

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.

A multimodal (hybrid) teaching system will be adopted, combining both on-site and remote classes via videoconference (synchronous) that will be held in the timetable approved by the corresponding Faculty or School. The time distribution of teaching activities (both on-site and remote) will be decided by the aforementioned Faculties and Schools bearing in mind the permitted capacity of classrooms and social distancing measures as established at that time.

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.

The face-to-face teaching activity will be carried out by videoconference (synchronous sessions) at the time approved by the Centre. Alternative activities will be proposed for small groups that guarantee the acquisition of the skills of that subject.

## EVALUATION

Intended learnig	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	
CEM14		X	X
CEM15	X	X	X
CEM17	X		X
CEM25	X		X
CEM9	X	X	X
CET13	X	X	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.

### Method of assessment of attendance (Scenario A):

- 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



## COURSE DESCRIPTION

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 (Scenario A):

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 (Scenario A):

Contact the lecturer as soon as possible.

## CONTINGENCY PLAN: CASE SCENARIO B

Case scenario B will bring about a suspension of all on-site academic activities as a consequence of health measures.

## METHODOLOGY

### General clarifications on the methodology on case scenario B

On-site teaching activities will be held via videoconference (synchronous) in the timetable approved by the corresponding Faculty or School. Alternative activities will be proposed for reduced groups in order to guarantee the acquisition of course competences.

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.

On-site teaching activities will be held via videoconference (synchronous) in the timetable approved by the corresponding Faculty or School. Alternative activities will be proposed for reduced groups in order to guarantee the acquisition of course competences.

The temporary distribution of the activities that will be carried out in-person in the classroom, and in-person by videoconference will be determined by the Centre based on the capacity allowed in the teaching spaces and the sanitary measures of interpersonal distancing that are in force at all times.

## COURSE DESCRIPTION

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.

Teaching will be given through theoretical-practical classes, promoting an active and participatory dynamic, with continuous references to situations that reveal the usefulness of the content learned. The tutorials, individual and group, may be carried out in-person or through the virtual forum of the subject. The proposed methodology may undergo changes (agreed between teachers and students) depending on the particularities of each group.

## EVALUATION

Intended learnig	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	
CEM14		X	X
CEM15	X	X	X
CEM17	X		X
CEM25	X		X
CEM9	X	X	X
CET13	X	X	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.

Moodle Tools	Case study/clinical case discussion/scientific work discussion	Exams	Real and/or simulated tasks
Assessment rubric		X	X

## COURSE DESCRIPTION

Moodle Tools	Case study/clinical case discussion/scientific work discussion	Exams	Real and/or simulated tasks
Questionnaire		X	
Synchronous tests via videoconference			X
Task	X		X
Videoconference			X

### Method of assessment of attendance (Scenario B):

- 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 (Scenario B):

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 (Scenario B):

Contact the lecturer as soon as possible.

## COURSE DESCRIPTION