

## COURSE DESCRIPTION

### COURSE DETAILS

Title (of the course): **ENFERMERÍA INFANTIL Y DE LA ADOLESCENCIA**

Code: 100015

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

Name: CANTÓN HABAS, VANESA (Coordinator)

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### PREREQUISITES AND RECOMMENDATIONS

#### Prerequisites established in the study plan

University entrance exam

#### Recommendations

The list of topics is connected with the subject of reproductive nursing and sexual education.

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### 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.
CET1	To be able, in the field of nursing, to provide technical and professional healthcare suitable for the health needs being looked after, in accordance with the state of development of scientific knowledge at any given time and with levels of quality and security that are established by the applicable legal and deontological norms.
CET3	To know and apply the fundamentals and theoretical and methodological principles of nursing.
CET4	To understand the interactive behavior of the person according to gender, group or community, within their social and multicultural context.
CET7	To understand people without prejudice, considering their physical, psychological and social aspects as autonomous and independent individuals, ensuring respect for their opinions, beliefs and values, guaranteeing the right to privacy through confidentiality and professional secrecy.
CET8	To promote and respect the right to participation, information, autonomy and informed consent in the decision-making of the people being looked after, according to the way they live their health-disease process.
CET9	To promote healthy lifestyles, self-care, while sustaining preventive and therapeutic behaviors.
CET17	To carry out nursing care based on comprehensive health care, which involves multi-professional cooperation, integration of processes and continuity of care.
CEM15	Manage, evaluate and provide comprehensive nursing care to the individual, the family and the community.
CEM19	To know the specific aspects of neonatal care. Identify the characteristics of the different stages of childhood and adolescence and the factors that condition the normal pattern of growth and development. Know the most frequent health problems in childhood and identify their manifestations. Analyse the child's assessment data, identifying the nursing problems and the complications that may arise.

### OBJECTIVES

- To know the concepts and definitions, apply the fundamentals and theoretical principles of pediatric nursing.
- To identify the different stages in the child's life and the characteristics of each of those.
- To describe the specific cares in the different stages of the child and teenager's lives.
- To know the most frequent health problems in childhood and adolescence, identifying the main manifestations of the different pathologies.
- To offer integral cares to the child and the family within the field of promotion, prevention and health education.
- To carry out the evaluation of the child and teenager, as well as developing care plans and filling in nursing registers.

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### CONTENT

#### 1. Theory contents

##### SECTION I: GENERAL ASPECTS OF NURSING CARES IN CHILDREN AND FAMILIES

Unit 1. Concepts and definitions. Childhood stages. Perinatal and infantile morbidity and mortality rates.

Unit 2. Evolution of childhood and adolescence cares. Care planning process. Specializing and researching in pediatric nursing.

##### SECTION II. NURSING CARE IN NEWBORN CHILDREN

Unit 3. Healthy newborn children. Anatomical and physiological characteristics of the standard newborn. Apgar test. Nursing care for regular newborn children.

Unit 4. High risk newborns. Preterm, postterm and full time newborns. Nursing intervention. Kangaroo method.

Unit 5. Obstetrical traumas in newborns.

Unit 6. Respiratory problems in newborn children. Adaptation syndrome. Meconium's suction. Loss of fetal well-being.

Unit 7. Metabolic disorders in newborn children. Hypoglycemia. Hypocalcemia. Congenital hypothyroidism. Diabetic women's child.

Unit 8. Newborn with social problems. Mother addicted to intravenously administered drugs. HIV in newborn children.

Unit 9. Neonatal jaundices. Nursing cares.

Unit 10. Infections in newborns. Neonatal sepsis. Nursing cares. Prevention.

##### SECTION III. NUTRITION, GROWTH AND CHILD DEVELOPMENT

Unit 11. Children's growth, development and maturation process. Influential factors in growth. Main growth disorders.

Unit 12. Breastfed baby feeding I. Breastfeeding. Mixed breastfeeding.

Unit 13. Breastfed baby feeding II. Complementary feeding. Pre-school feeding.

##### SECTION IV. MOST FREQUENT HEALTH PROBLEMS IN CHILDREN

Unit 14. Children with endocrinometabolic issues. Diabetes. Obesity. Diabetological educational and nursing.

Unit 15. Children with vomit problems. Gastroesophageal reflux. Dehydration.

Unit 16. Gastroenteritis and diarrhoea in children.

Unit 17. Respiratory illnesses in upper respiratory tract.

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Unit 18. Respiratory illnesses in lower respiratory tract.

Unit 19. Congenital cardiopathies in children. Acquired cardiovascular diseases. Main aspects of interest.

Unit 20. Rash diseases and childhood infections. Nursing cares. Childhood vaccination. Role of the nurse.

Unit 21. Urinary disease in children. Urinary malformations. Urinary infections. Glomerulonephritis. Nefrotic syndrome. Enuresis.

Unit 22. Attention to children with neurological problems. Nervous system malformations. Convulsions. Meningitis.

Unit 23. Oncological and hematological problems in children. Psychological aspects of the child and their family.

Unit 24. Pain in pediatrics. Use of assesment scales, pharmacological and non-pharmacological treatments. Nursing cares.

### SECTION V. PEDIATRIC EMERGENCIAS

Unit 25. Children in coma. Reasons. Management. Basic neurological evaluation.

Unit 26. Abused children. Sexual abuse in children. Sudden infant death syndrome.

Unit 27. Accidents and intoxications.

Unit 28. Initial assistance to pediatric polytrauma.

The professor will be able to update the program depending on upcoming scientific information.

## 2. Practical contents

- Pedriatical somatimetry. Tables and graphics management. Results interpretation. Physical exploration in nursing.
- Children and teenager feeding.
- Pharmacological administration in pediatrics. Routes of administration. Doses calculation. Nursing cares.
- Nursing cares of the child hospitalized in an infant hospital. Child's reactions to hospitalization. Stress-reducing techniques.
- Non-invasive techniques in children.
- Basic and advanced neonatal and paediatric life support.

## SUSTAINABLE DEVELOPMENT GOALS RELATED TO THE CONTENT

Good health and well-being

Quality education

Gender equality

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### METHODOLOGY

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

In the case that students have enrolled part-time or have been incorporated later to the degree, they will notify this condition to the teaching staff as soon as possible, in order to establish the appropriate compensation mechanisms.

#### Face-to-face activities

Activity	Large group	Medium group	Total
<i>Assessment activities</i>	2	-	2
<i>Group presentation</i>	-	2	2
<i>Lectures</i>	44	-	44
<i>Seminar</i>	-	10	10
<i>Tutorials</i>	-	2	2
<b>Total hours:</b>	<b>46</b>	<b>14</b>	<b>60</b>

#### Off-site activities

Activity	Total
<i>Group work</i>	20
<i>Information search</i>	25
<i>Self-study</i>	45
<b>Total hours</b>	<b>90</b>

### WORK MATERIALS FOR STUDENTS

Case studies  
Oral presentations  
References

### EVALUATION

Intended learning	Exams	Oral Presentation	Real and/or simulated tasks
CB1	X	X	X
CB2	X	X	X

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Intended learning	Exams	Oral Presentation	Real and/or simulated tasks
CB3	X	X	X
CB4	X	X	X
CB5	X	X	X
CEM15	X	X	X
CEM19	X	X	X
CET1	X	X	X
CET17	X	X	X
CET3	X	X	X
CET4	X	X	X
CET7	X	X	X
CET8	X	X	X
CET9	X	X	X
<b>Total (100%)</b>	<b>60%</b>	<b>20%</b>	<b>20%</b>
<b>Minimum grade</b>	<b>5</b>	<b>5</b>	<b>5</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:

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4.

In the extraordinary calls the exams will consist of multiple choice questions with four answers of which only one will be the true one. As in the ordinary examination, one question will be deducted from the total number of correct questions for every three incorrect ones, unanswered questions will not be marked and will be considered passed from 4.

### General clarifications on instruments for evaluation:

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4. 90 % of the assistance to the seminars will be mandatory. In this sense, a maximum of 2 hours of seminars may be missed.

On extraordinary calls the exams will be either test or short questions, and this fact will be previously communicated by the professor.

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

In the case of part-time students (or students that joined the degree later), this condition will need to be notified to the professor as soon as possible.

The period of validity of the recuperation of the seminars will be one academic year.

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

The extraordinary call for the end of studies will be subject to Article 74 of Regulation 24/2019 of the Academic Regime of the Official Undergraduate Studies of the University of Cordoba.

### Qualifying criteria for obtaining honors:

*The Honors Registration will be assigned among the students who have obtain the highest numerical grade among all those who meet the requirements established in the Regulations of the academic regime of the UCO*

## BIBLIOGRAPHY

### 1. Basic Bibliography

Aguilar Cordero, MJ. Tratado de Enfermería del niño y del adolescente. Cuidados Pediátricos. Segunda Edición. Elsevier Science. 2012.

Berhrman, R. E. Nelson tratado de pediatría.20, Edición. Vol. 1 y 2. Interamericana - Mc Graw - Hill. Madrid. 2016.

Chaure Lopez ,I.;Inarejos Garcia,M. Enfermería pediátrica. Ed.Masson. Barcelona 2001.

GOMEZ GARCIA,C.I.;DIAZ GOMEZ,M.;RUIZ GARCIA,MªJ.Enfermería de la Infancia y de la adolescencia.

Ed,Mc Graw.Hill Interamericana.Madrid,2001

KOZIER-ERB-BLAIS-JOHSON-TRMPLE. Técnicas de enfermería (vol 7 y 8) Ed Mc Graw-Hill Interamericana. Madrid 1999.

WACHTER E.,PHILLIPSJ.,HOLADAY B. Enfermeria Infantil. Ed McGraw-Hill Interamericana. Madrid 2000.

MUSCARI, M.E. Enfermería Pediátrica. Ed. McGraw-Hill Interamericana. México, 1999.

AGUILAR CORDERO, Mª J. Manual de tecnicas y valoración infantil.Servicio de publicaciones de la Universidad de Granada. 2000.

### 2. Further reading

None

## COORDINATION CRITERIA

Joint activities: lectures, seminars, visits ...

Tasks deadlines

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.



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### 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.

### EVALUATION

Intended learnig	Exams	Oral Presentation	Real and/or simulated tasks
CB1	X	X	X
CB2	X	X	X
CB3	X	X	X
CB4	X	X	X
CB5	X	X	X
CEM15	X	X	X
CEM19	X	X	X
CET1	X	X	X
CET17	X	X	X
CET3	X	X	X
CET4	X	X	X
CET7	X	X	X
CET8	X	X	X
CET9	X	X	X
<b>Total (100%)</b>	<b>60%</b>	<b>20%</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):

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4.

In the extraordinary calls the exams will consist of multiple choice questions with four answers of which only one



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will be the true one. As in the ordinary examination, one question will be deducted from the total number of correct questions for every three incorrect ones, unanswered questions will not be marked and will be considered passed from 4.

### **General clarifications on instruments for evaluation (Scenario A):**

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4. 90 % of the assistance to the seminars will be mandatory. In this sense, a maximum of 2 hours of seminars may be missed.

On extraordinary calls the exams will be either test or short questions, and this fact will be previously communicated by the professor.

### **Clarifications on the methodology for part-time students and students with disabilities and special educational needs (Scenario A):**

In the case of part-time students (or students that joined the degree later), this condition will need to be notified to the professor as soon as possible.

The period of validity of the recuperation of the seminars will be one academic year.

## 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.

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Intended learnig	Exams	Oral Presentation	Real and/or simulated tasks
CB1	X	X	X
CB2	X	X	X
CB3	X	X	X
CB4	X	X	X
CB5	X	X	X
CEM15	X	X	X
CEM19	X	X	X
CET1	X	X	X
CET17	X	X	X
CET3	X	X	X
CET4	X	X	X
CET7	X	X	X
CET8	X	X	X
CET9	X	X	X
<b>Total (100%)</b>	<b>60%</b>	<b>20%</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	Exams	Oral Presentation	Real and/or simulated tasks
Questionnaire	X		
Task			X
Videoconference		X	

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

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4.

In the extraordinary calls the exams will consist of multiple choice questions with four answers of which only one will be the true one. As in the ordinary examination, one question will be deducted from the total number of

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correct questions for every three incorrect ones, unanswered questions will not be marked and will be considered passed from 4.

### **General clarifications on instruments for evaluation (Scenario B):**

The final exam will consist of test questions with four possible answers, of which only one will be correct. After adding all of the correct answers, one will be subtracted for every three incorrect answers. Unanswered questions will not count for the total. The examen will be considered passed if the final score is above 4. 90 % of the assistance to the seminars will be mandatory. In this sense, a maximum of 2 hours of seminars may be missed.

On extraordinary calls the exams will be either test or short questions, and this fact will be previously communicated by the professor.

### **Clarifications on the methodology for part-time students and students with disabilities and special educational needs (Scenario B):**

In the case of part-time students (or students that joined the degree later), this condition will need to be notified to the professor as soon as possible.

The period of validity of the recuperation of the seminars will be one academic year.