

COURSE DESCRIPTION

COURSE DETAILS

Title (of the course): **ENFERMERÍA PEDIÁTRICA**

Code: 144002

Degree/Master: **GRADUADO EN ENFERMERÍA**

Year: 2

Field:

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

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 Que los estudiantes hayan demostrado poseer y comprender conocimientos en un área de estudio que parte de la base de la educación secundaria general, y se suele encontrar a un nivel que, si bien se apoya en libros de texto avanzado, incluye también algunos aspectos que implican conocimientos procedentes de la vanguardia de su campo de estudio.
- CB2 Que los estudiantes sepan aplicar sus conocimientos a su trabajo o vocación de una forma profesional y posean las competencias que suelen demostrarse por medio de la elaboración y defensa de argumentos y la resolución de problemas dentro de su área de estudio.
- CB3 Que los estudiantes tengan la capacidad de reunir e interpretar datos relevantes (normalmente dentro de su área de estudio) para emitir juicios que incluyan una reflexión sobre temas relevantes de índole social, científica o ética.
- CB4 Que los estudiantes puedan transmitir información, ideas, problemas y soluciones a un público tanto especializado como no especializado.
- CB5 Que los estudiantes hayan desarrollado aquellas habilidades de aprendizaje necesarias para emprender estudios posteriores con un alto grado de autonomía.
- CET1 Ser capaz, en el ámbito de la enfermería, de prestar una atención sanitaria técnica y profesional adecuada a las necesidades de salud de las personas que atienden, de acuerdo con el estado de desarrollo de los conocimientos científicos de cada momento y con los niveles de calidad y seguridad que se establecen en las normas legales y deontológicas aplicables.
- CET3 Conocer y aplicar los fundamentos y principios teóricos y metodológicos de la enfermería.
- CET4 Comprender el comportamiento interactivo de la persona en función del género, grupo o comunidad, dentro de su contexto social y multicultural.
- CET7 Comprender sin prejuicios a las personas, considerando sus aspectos físicos, psicológicos y sociales, como individuos autónomos e independientes, asegurando el respeto a sus opiniones, creencias y valores, garantizando el derecho a la intimidad, a través de la confidencialidad y el secreto profesional.
- CET8 Promover y respetar el derecho de participación, información, autonomía y el consentimiento informado en la toma de decisiones de las personas atendidas, acorde con la forma en que viven su proceso de salud-enfermedad.
- CET9 Fomentar estilos de vida saludables, el autocuidado, apoyando el mantenimiento de conductas preventivas y terapéuticas.
- CET17 Realizar los cuidados de enfermería basándose en la atención integral de salud, que supone la cooperación multiprofesional, la integración de los procesos y la continuidad asistencial.
- CEM15 Dirigir, evaluar y prestar los cuidados integrales de enfermería, al individuo, la familia y la comunidad.
- CEM19 Conocer los aspectos específicos de los cuidados del neonato. Identificar las características de las diferentes etapas de la infancia y adolescencia y los factores que condicionan el patrón normal de crecimiento y desarrollo. Conocer los problemas de salud más frecuentes en la infancia e identificar sus manifestaciones. Analizar los datos de valoración del niño, identificando los problemas de enfermería y las complicaciones que pueden presentarse. Aplicar las técnicas que integran el cuidado de enfermería, estableciendo una relación terapéutica con los niños y sus cuidadores. Seleccionar las intervenciones dirigidas al niño sano y al enfermo, así como las derivadas de los métodos de diagnóstico y tratamiento. Ser capaz de proporcionar educación para la salud a los padres o cuidadores primarios.

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.



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- 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.

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.

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.

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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

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
Total hours:	46	14	60

Off-site activities

Activity	Total
<i>Group work</i>	20
<i>Information search</i>	25

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Activity	Total
Self-study	45
Total hours	90

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
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
Total (100%)	60%	20%	20%
Minimum grade	5	5	5

(*)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:

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 5.

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 5.

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 5. 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:

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 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-JOHSOON-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

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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.