GUÍA DOCENTE DE LA ASIGNATURA

Qualification: DEGREE IN NURSING
Subject: EVIDENCE-BASED NURSING CARE
(Cuidados de Enfermería basados en la evidencia)

Type: Elective
Teaching timeline: 2nd term
Language: English
ECTS credits: 4.5
Year: 3

Subject Description and Context:
This subject will support students to acquire competences in searching for evidence in relevant sources and to develop their critical reasoning and decision-making skills relative to the evidence identified. They will develop their ability to communicate their findings and conclusions such that they can bring evidence-based care into practice and generate more efficient and safer working environments.

Entry Requirements/Recommendations
Ability to read, write and converse in English. Students should ideally have reached B2 level under the Common European Framework of Reference for Languages.

LECTURERS

<table>
<thead>
<tr>
<th>Subject manager and lecturer:</th>
<th>Tel.</th>
<th>Email</th>
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<tbody>
<tr>
<td>Susana Cariñanos Ayala</td>
<td>945 219003</td>
<td><a href="mailto:susana_carinanos@ehu.eus">susana_carinanos@ehu.eus</a> <a href="mailto:SUSANA.CARINANOSAYALA@osakidetza.eus">SUSANA.CARINANOSAYALA@osakidetza.eus</a></td>
</tr>
<tr>
<td>Lecturer: Jagoba Zarandona Calvo</td>
<td>945 219002</td>
<td><a href="mailto:jagoba_zarandona@ehu.eus">jagoba_zarandona@ehu.eus</a> <a href="mailto:JAGOBA.ZARANDONACALVO@osakidetza.eus">JAGOBA.ZARANDONACALVO@osakidetza.eus</a></td>
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SPECIFIC COMPETENCES

C1. Making appropriate use of various professional information sources in the field of health.
C2. Demonstrating decision-making which is based on the available scientific evidence and taking into account the resources and the characteristics of the application context.
C3. Communicating ideas and knowledge in a clear, ordered and succinct manner and using professional language.
LEARNING OUTCOMES

RA 1: Identifies a question related to their clinical practice and structures it using the PICO format.
RA 2: Conducts an advanced search in suitable information sources based on their question.
RA 3: Conducts a critical appraisal of a scientific article.
RA 4: Knows strategies for disseminating and implementing scientific evidence.
RA 5: Creates a poster to communicate search findings in a professional and scientific manner.
RA 6: Presents a poster using appropriate verbal and non-verbal language, constructing coherent arguments and using nursing terminology.

CONTENTS

UNIT I: INTRODUCTION TO EVIDENCE-BASED PRACTICE
  1.1 Stages of evidence-based practice
  1.2 Limitations of evidence-based practice
  1.3 Formulating clinical questions using PICO

UNIT II: SEARCHING FOR EVIDENCE
  2.1 Information sources
  2.2 Designing and conducting an evidence search
  2.3 Searching databases: Medline, CINAHL, PsycINFO, Cochrane Library, TRIP, Scopus
  2.4 Searching clinical practice guidelines
  2.5 Bibliographic reference norms: Vancouver style
  2.6 Reference managers: Mendeley®

UNIT III: CRITICAL APPRAISAL
  3.1 Qualitative designs: basic design concepts, biases, data analysis and critical appraisal instruments.
  3.2 Observational designs: basic design concepts, biases, data analysis and critical appraisal instruments.
  3.3 Experimental designs: basic design concepts, biases, data analysis and critical appraisal instruments.
  3.4 Systematic reviews: stages and design, biases, data analysis (meta-analysis) and critical appraisal instruments.

UNIT IV: EVIDENCE-BASED DECISION-MAKING

UNIT V: DISSEMINATING RESEARCH RESULTS
  5.1. Scientific journals
  5.2. Professional forums: conferences and congresses
METHODOLOGY

1. Lectures

2. Workshops:
   a. Evidence search
   b. Critical appraisal
   c. Preparing and presenting a scientific poster

### IN-CLASS WORK (42 HOURS)

<table>
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<tr>
<th>Lectures</th>
<th>Workshops</th>
<th>Tutorials</th>
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<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>14</td>
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### INDEPENDENT STUDY (70.5 HOURS)

<table>
<thead>
<tr>
<th>Independent work</th>
<th>ECTS</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>70.5</td>
<td>4.5</td>
<td>112.5</td>
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In the event that the teaching and/or evaluation activities cannot be conducted in-person or are suspended due to force majeure, the teaching will be delivered remotely using the university's resources. All modifications to the activities and evaluation criteria in this guide will be communicated to students with sufficient notice as per the criteria established by the University of the Basque Country/Euskar Herriko Unibertsitatea.
EVALUATION SYSTEMS

ORDINARY CALL: CONTINUOUS EVALUATION SYSTEM
The subject mark will be ascertained from the sum of the marks for each evaluation test.

- ASSIGNMENT 1 (25%): Search for evidence
- WORKSHOPS (25%): Participation in critical appraisal workshops
- ASSIGNMENT 2 (50%): Poster

Students must score at least 5 out of 10 in each evaluation activity to pass the subject. Under this evaluation system, students must attend all scheduled classes (except where absence is justified under university rules).

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<tr>
<th>COMPETENCES</th>
<th>LEARNING OUTCOMES</th>
<th>METHODOLOGY</th>
<th>EVALUATION ACTIVITY</th>
<th>% FINAL SCORE</th>
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| C1           | R1-R2            | Masterclasses -
|              |                  | Tutorial       | Submission 1   | 25%           |
| C2           | R3               | Workshops    | Participation in all critical reading workshops | 25%           |
| C3           | R4-R6            | Tutorials    | Submission 2: Poster | 50%           |

Submission 1 and participation in critical appraisal workshops: These evaluation activities will take place between academic weeks 16 and 23 and make up 50% of the total subject grade. Students who fail one of these two evaluation tests will be graded in the final evaluation system.

Poster: This test will take place during the official exam period established by the University of the Basque Country and makes up 50% of the total subject grade.

WITHDRAWAL FROM CONTINUOUS EVALUATION
Students will have the right to a final evaluation regardless of whether they participated in the continuous evaluation system. In this case, students must address their withdrawal from continuous evaluation in writing to the teacher who manages the subject within 9 weeks of the start of the term (art. 8, as per Official Basque Bulletin 2017/1311 of 13 March).

ORDINARY CALL: FINAL EVALUATION SYSTEM
Students who cannot take part in the continuous evaluation system or fail one of the continuous evaluation activities may prove that they have achieved the subject competences by taking a final test. The latter will comprise as many exams and activities as are necessary to evaluate and measure the defined learning outcomes and will make up 100% of the subject grade. This evaluation will take place during the official exam period (art. 8, as per Official Basque Bulletin 2017/1311 of 13 March). To pass this subject in the final evaluation system, students must score 50% or above in each evaluation activity. Otherwise, they will be graded as fail.

EXTRAORDINARY CALL FOR EVALUATION: RESITS
The final evaluation test in the resit session will comprise as many exams and evaluation activities as are necessary to evaluate and measure the defined learning outcomes and will make up 100% of the subject grade,
as per art. 9 ‘Evaluation during resits’ in the Official Basque Bulletin of 13/03/2017. Students who do not attend the final evaluation test in the resit session will be considered as having withdrawn, as per art. 12 ‘Evaluation system’ in the Official Basque Bulletin of 13/03/2017.

WITHDRAWAL FROM THE EXAM SESSION

Withdrawal from the exam session will result in students being graded as ‘Did not attend’.

- For continuous evaluation, students may withdraw from exams up to one month before the end of the teaching period for the subject. Their withdrawal should be made in writing to the subject manager.
- For final evaluation, failure to attend the scheduled test in the official exam period will result in automatic withdrawal from the exam session and the student in question being graded ‘Did not attend’.

INFORMATION SOURCES

Core bibliography

- Williamson GR, Whittaker A. Succeeding in literature reviews and research project plans for nursing students. 3rd Ed. London: SAGE; 2017.

Relevant websites

- European Nursing Virtual Centre for Learning Evidence-Based Practice (ENCLEBP). Location not stated: Erasmus + program of the European Union [updated 2023; consulted 22 May 2023]. Available: https://europeannursingbp.eu/
- Best Practice Guidelines. Ontario: Registered Nurses’ Association of Ontario (RNAO) [updated 2023; consulted may 22 2023]. Available: https://rnao.ca/bpg/guidelines
TUTORIALS
Requests for tutorials with the subject teaching staff should be sent by email to the corresponding teacher. Tutorials are not intended to substitute class attendance and will be regulated by the support tutorials procedure available on the Nursing School website.

PLAGIARISM
Any evidence of plagiarism in the evaluation tests or other activities, whether under continuous or final evaluation, will result in the student being graded 0 in that sitting.

TUTORIALS
Requests for tutorials with the lecturers should be sent by email to the subject manager.