

26012 - Occupational therapy theory and techniques II

Syllabus Information

Academic year: 2023/24

Subject: 26012 - Occupational therapy theory and techniques II

Faculty / School: 127 - Facultad de Ciencias de la Salud

Degree: 276 - Degree in Occupational Therapy

ECTS: 12.0

Year: 2

Semester: Annual

Subject type: Compulsory

Module:

1. General information

The subject and its expected results respond to the following approaches and objectives:

The general objective of this subject is that students, from the knowledge of its contents, are able to explain kinesiological, neuromotor, psychomotor, neuropsychological and cognitive techniques; to analyse activities and occupations according to models and frames of reference, as well as to apply all this in the detection and treatment of health and participation problems.

These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the United Nations Agenda 2030 (<https://www.un.org/sustainabledevelopment/es/>), in such a way that the acquisition of the learning results of the subject provides training and competence to contribute to some extent to their achievement

Goal 3: Health and Wellness.

Goal 4: Quality Education.

2. Learning results

1. Learn to apply standardized and non-standardized assessment tools.
2. Understand how to interpret scores from different assessment tests to make data-driven decisions
3. Know the intervention techniques and methods used in occupational therapy.
4. Understand the role of the occupational therapist within multidisciplinary teams.
5. Analyse activities identifying their areas and components according to conceptual models of practice and analytical models (frames of reference) of occupational therapy. Argue the use of the appropriate technique to detect and solve participation problems.
6. Learn to use evidence-based bibliographic sources, structuring and synthesizing the information obtained from the search.

3. Syllabus

Thematic block I: Neuropsychological and cognitive content techniques.

- Neuropsychological techniques in OT.
- Cognitive techniques in TO.
- Cognitive-motor techniques (task-oriented approach).

II: Neuromotor/neurodevelopmental foundation techniques.

- Neuromotor evaluation.
- Neurological-evolutionary development
- Neuromotor techniques: Bobath concept, Kabat, Brunnstrom, Rood, Perfetti Method, CIMT techniques in OT.
- Sensory Integration.

III: Psychomotor performance techniques.

- Fundamentals, indications.
- Evaluation, re-education and psychomotor therapy. In childhood. In adults and the elderly

IV: Kinesiological-biomechanical and perceptual-motor techniques.

- Kinesiological-biomechanical techniques: evaluation, training and re-education of joints and muscles in OT.
- Perceptual-motor techniques: evaluation, training and re-education according to motor predominance and perceptual predominance methods.

V: Common assessment and intervention strategies in occupational therapy.

- Activity and occupation analysis in occupational therapy.
- Customer-focused objectives.
- Introduction to clinical reasoning.

4. Academic activities

Master classes (85h): Distributed in two weekly classes of 1.5 hours during the entire term.

Practical classes and seminars on problem solving and case studies (35 h): They will be distributed by groups throughout the term.

Teaching assignments and other activities (35 h)

Personal study and evaluation (145h). Students should take responsibility for creating a structured program of work.

5. Assessment system

The final grade results from the following weighting:

- 10% will correspond to the grade for the subject work.
- 15% of the time, active participation and attendance to the practices/seminars.
- 75% will correspond to the grading of the written exams.

Subject work: It aims to stimulate reflection, argued criticism, initiative, personal creativity and bibliographic search . A topic related to the subject must be chosen. Specific indications on format and date of presentation will be posted on Moodle.

Practices and seminars: Only up to 20% of duly justified absences are allowed. Students should demonstrate that they know how to analyse activities identifying areas and components according to models and frames of reference of the occupational therapy and know how to apply the appropriate technique to assess and solve the problem of the case presented. If a student does not pass the continuous evaluation by means of participation in practices, an oral practical exam will be held at the official call.

Written exams: A midterm theory exam is taken at the end of the first four-month period, eliminating the subject with a grade of 5/10. In the official call, a second midterm exam will be held for those who have passed the first midterm , it will only average with the grade of the first midterm from a grade of 5/10. Students who have not passed the first midterm will take a final exam of the whole subject.

Passing each of the evaluation sections is a prerequisite to pass the subject.