

Academic Year/course: 2022/23

## 26018 - Activities for functional independence IV: Environment and occupational performance

### Syllabus Information

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**Academic Year:** 2022/23

**Subject:** 26018 - Activities for functional independence IV: Environment and occupational performance

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

**Degree:** 276 - Degree in Occupational Therapy

**ECTS:** 6.0

**Year:** 3

**Semester:** Annual

**Subject Type:** Compulsory

**Module:**

## 1. General information

### 1.1. Aims of the course

The course is developed within the context of the study of human occupation, deepening the effect of occupations on life satisfaction and health of people. This fourth block of the Functional Independence and Applied Occupational Activities Module will lead students to recognize the importance of Environmental Factors in occupational performance, applying professional assessment and intervention tools, techniques and skills that are used in the process of occupational therapy. It is intended that the students know the environmental modifications necessary to seek the development of the person and/or groups in their environment.

The practical application of these contents in the usual contexts is sought, emphasizing the contribution that the therapist, as a specialist in human occupation, can make in the different professional teams.

"These approaches and objectives are aligned with the following Sustainable Development Goals (SDGs) of the 2030 Agenda of Nations United (<https://www.un.org/sustainabledevelopment/es/>), in such a way that the acquisition of the results course provides training and competence to contribute to some extent to his achievement ?. And those deemed appropriate will be incorporated with the official wording 3,5,8,10,11,16,17.

### 1.2. Context and importance of this course in the degree

The subject belongs to the Module Functional Independence and Applied Occupational Activities in Occupational Therapy , one of the basic pillars of the specific training of the occupational therapist. Throughout the Degree, students learn to consider the person from an occupational perspective, understanding that through their occupations people can achieve an adequate degree of autonomy and optimize their health and well-being.

### 1.3. Recommendations to take this course

The overcoming of the previous subjects in the learning module Functional Independence and Applied Occupational Activities is the most desirable starting point for the maximum use of the contents of the subject.

This subject gives importance to the ability to carry out an autonomous work developing the capacity of analysis and assimilation of the theoretical content. In addition, active participation in carrying out the different planned activities is recommended, which allows the personalized monitoring process.

The use of the Digital Teaching Ring is recommended to consult the contents of the subject.

## 2. Learning goals

### 2.1. Competences

ACCORDING TO MEMORY OF THE DEGREE IN OCCUPATIONAL THERAPY (2008):

GENERAL COMPETENCES.

Ability to apply knowledge in practice. Analysis and synthesis capacity .

Capacity to solve problems.

Teamwork capacity. Ability to learn.

Ability to generate new ideas. Capacity for adapting to new situations. Capacity for criticism and self-criticism.

Oral and written communication in the mother tongue. Ability to plan and manage time.

Ability to design and manage projects. Ability to appreciate the diversity and multiculturalism.

Leadership.

Basic knowledge of the profession.

Motivation.

Ethical commitment.

Concern for the quality.

Initiative and entrepreneurial spirit. Interpersonal skills .

Information management skills.

Ability to work autonomously.

Research skills.

Basic skills in computer management.

## SPECIFIC COMPETENCES

Knowledge and ability to apply the theory and practice of Occupational Therapy.

Knowledge and ability to apply New Technologies within the context of Occupational Therapy.

Knowledge and ability to apply occupations therapeutically.

Knowledge and ability to apply the Activities of Daily Living therapeutically in all areas of occupational performance.

Knowledge and ability to apply principles of Ergonomics within the context of Occupational Therapy.

Knowledge and ability to apply Occupational Science within the context of Occupational Therapy.

Ability to educate, facilitate, support and encourage the occupational functioning, well-being and comfort of populations, communities, groups and individuals whose lives are affected by limited functioning, suffering, illness.

Ability to adjust its role in order to effectively respond to the needs of the population or person.

Ability to recognize and interpret signs of function-dysfunction of the person in occupational assessment and diagnosis.

Ability to respond to the needs of the patient by evaluating, planning and developing the most appropriate individualized programs together with the person and their environment, their caregivers and families and other professionals.

Ability to interpret, evaluate and synthesize a range of information to determine if the person is eligible for Occupational Therapy treatment.

ACCORDING TO ORDER CIN / 29/2009 (Module of Occupational Therapy, personal autonomy and independence):

Understand the different theories of functioning, personal autonomy, functional adaptation of / to the environment, as well as models of intervention in Occupational Therapy, transferring them to daily professional practice.

Understand and recognize the importance of contextual factors as determinants of occupational dysfunction.

Know, understand and apply the foundations of personal autonomy in daily life activities with and without adaptations and / or support products in the life cycle.

Encourage the participation of the person and family in their recovery process.

Appreciate and respect individual differences, cultural beliefs, customs, and their influence on occupation and participation.

Carry out the evaluation and adaptation of the environment to promote participation in meaningful occupations in the different facets of daily life, personal autonomy and quality of life.

Analyze occupation in Occupational Therapy and its therapeutic use in the life cycle.

Carry out the evaluation of occupational functioning appropriate to the needs of individuals and populations. Carry out the occupational evaluation, determine the planning and establish the Occupational Therapy intervention,

Utilizing the therapeutic potential of meaningful occupation, through the use of the activity, with the consent and participation of individuals and populations.

Apply the significant activity, ergonomic study, products and support technology existing in Occupational Therapy in the life cycle.

Understand the fundamentals of action, indications and efficacy of Occupational Therapy interventions, based on the available scientific evidence.

Understand and apply principles of direction and management in the provision of Occupational Therapy services, including cost-effectiveness, administration of resources and equipment, and establishment of Occupational Therapy protocols.

Prepare, maintain and review the documentation of the Occupational Therapy processes.

Acquire basic knowledge of management and improvement of the quality of Occupational Therapy services.

## 2.2. Learning goals

Students, to pass this subject, must demonstrate the following results ...

1. Able to describe and analyze occupational performance settings .
2. Is capable of analyzing activities and evaluating occupational performance .

3. Knows its own contents and is capable of applying design principles for all (universal), accessibility, usability, ergonomics, home automation, adaptations, products and support technology .
4. Is capable of evaluating, planning and developing intervention programs that favor the effective performance of the person in their environment.
5. It is capable of modifying the activity and the different environments to favor people's occupational performance .
6. Is capable of handling assistive technology applied to Occupational Therapy .
7. Know how to plan, manage and administer an Occupational Therapy department .
8. Is capable of managing and adapting to digital learning processes along with conventional ones.

### 2.3. Importance of learning goals

They contribute together with the rest of the skills acquired in the subjects of the Functional Independence Module and Applied Occupational Activities to the training of students for the performance of their professional profile.

Environmental Factors are determining for the performance and participation of the person as an occupational being. This fact is reflected in the subject so that the student begins to identify and apply the process of occupational therapy. You also have the opportunity to know, assess and determine the role of different environmental factors as barriers or facilitators for the development of the person. Knowledge and development of concepts such as Design for All, Accessibility, Usability ... should facilitate the task towards the inclusion of people with functional diversity. All this is framed in the tasks of the professional role as well as in their interaction with other professionals.

Work is also being done on the acquisition of interpersonal skills and teamwork as important transversal competences for students as a future health professional.

## 3. Assessment (1st and 2nd call)

### 3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

The evaluation activities that refer to non-objective aspects will be valued through the rubric publicly exposed to the students at the beginning of the course.

Students must demonstrate that they have achieved the expected learning outcomes through the following assessment activities:

Formative evaluation , 40% of the final grade:

- Homework (20% of the final grade): exercises related to practices and seminars. They will be evaluated taking into account

It has the following criteria: Quality of the contents, organization, writing and rigor in the presentation. Instructions and criteria available in Moodle . Learning Outcomes: 1-8 .

- Attitudes and skills demonstrated during the development of classroom activities (20% of the grade end ).

Evaluation criteria related to the commitment to training and the fulfillment of the objectives set: Carrying out tasks, interest in their training, participation and relationships. Instructions and criteria available in Moodle . Learning Outcomes: 1-8 .

Final work of content integration, 20% of the final grade. The following will be valued: compliance with the instructions given for its preparation, correctness and clarity in the use of language, precision in the use of professional terminology and the ability to synthesize and apply the contents of the subject. Instructions and criteria available in Moodle. Learning outcomes: 1- 8 .

Partial written exam (at the end of the first theoretical module) in combination of short and development questions. Learning Outcomes: 1-8 .

Final exam written in combination of short and development questions. Results of learning. It will have a value of 40% in the final grade. Learning outcomes: 1- 8 .

It will be planned in person if the sanitary conditions allow it following the indications previously described , although a continuous evaluation of the subject will be developed through the different activities, tasks and works that are scheduled throughout the course.

The minimum mark with which students must pass each of the proposed evaluation activities throughout the course will be 5. To pass the course , students must pass each of the proposed continuous evaluation activities as well as the keep up to date the delivery of the same.

Tests for students who appear in other calls other than the first:

To pass the course , students must present the final work and take a theoretical and practical test.

## 4. Methodology, learning tasks, syllabus and resources

### 4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It favors the understanding of the different chemical processes that occur in the environment. A wide range of teaching and learning tasks are implemented, such as theory sessions, laboratory sessions and assignments. Students are expected to participate actively in the class throughout the semester. Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials, including a discussion forum. Further information regarding the course will be provided on the first day of class.

## 4.2. Learning tasks

This is a 6 ECTS course organized as follows:

? **Lectures** (36 hours). Lecture notes and a set of problems (and their corresponding solutions) will be available for the students. At the end of each topic, some of the problems will be solved in class by the teacher and the rest will be done individually. The lecturer will also assign, from those unsolved problems, -2 problems to groups of 4-5 students, which they will submit to the teacher.

\* **Seminars**. (10 h) Exposition of themes, experiences and programming of possible visits in relation to the subject's syllabus.

? **Laboratory sessions** (14 hours). Two-hour sessions that take place approximately every 2 weeks in room 4 (Building X). Students are provided in advance with task guidelines for each session.

## 4.3. Syllabus

This course will address the following topics:

- **Section I: Occupational Performance Environments**
  - Topic 1: Occupational Performance Environments
- **Section II: Principles and theories about environment**
  - Topic 2. Universal Design
  - Topic 3. Accessibility
  - Topic 4. Ergonomics
  - Topic 5. Usability
  - Topic 6. Domotics (Home Automation)
- **Section III: Assessment and intervention in occupational performance environments**
  - Topic 7. Environment assessments
  - Topic 8. Environment modifications
  - Topic 9. Assistive products
  - Topic 10. Assistive technology
- **Section IV: Administration and management of a Occupational Therapy department**
  - Topic 11. The department of Occupational Therapy in different areas
  - Topic 12. Quality in the departments of Occupational Therapy

## 4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health Sciences website (<https://fcs.unizar.es/>) and Moodle.

## 4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=26018>