



Information about the subject

Degree: Bachelor of Science Degree in Occupational Therapy

Faculty: Faculty of Psychology

Code: 1123004 **Name:** Functional rehabilitation in physical disability

Credits: 6,00 **ECTS Year:** 3 **Semester:** 1

Module: OCCUPATIONAL THERAPY, PERSONAL AUTONOMY AND INDEPENDENCE

Subject Matter: Areas of Intervention in Occupational Therapy **Type:** Compulsory

Field of knowledge: Health Sciences

Department: -

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:

1123

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Module organization

OCCUPATIONAL THERAPY, PERSONAL AUTONOMY AND INDEPENDENCE

Subject Matter	ECTS	Subject	ECTS	Year/semester
General Occupational Therapy	18,00	Activities of daily living	6,00	2/1
		History and Theory of Occupational Therapy	6,00	1/1
		Occupational science and Occupational Therapy fundamentals	6,00	1/2
Areas of Intervention in Occupational Therapy	42,00	Community Occupational Therapy	6,00	3/1
		Functional rehabilitation in physical disability	6,00	3/1
		Occupational Therapy in early care and the educational field	6,00	2/2
		Occupational Therapy in Geriatrics	6,00	4/2
		Occupational Therapy in intellectual disability	6,00	2/2
		Occupational Therapy in Mental Health	6,00	3/2
		Occupational Therapy in physical and sensory disabilities	6,00	3/2



Recommended knowledge

There are no prerequisites. It is advisable to have studied and passed: -Structure and Function of the human body 1 and 2 -Kinesiology -Medical-surgical conditions 1 and 2

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 To appropriately select assessment instruments and measures to determine the level of occupational performance of the user, as well as to identify personal and contextual variables that hinder or favour occupational performance.
- R2 To know how to determine the impact of different pathologies on occupational performance and be able to plan an Occupational Therapy intervention focused on the user's occupational needs and considering their natural environments.
- R3 To be able to recognize the therapeutic potential of activities/occupations for improving occupational performance, as well as to know how to adapt and graduate these activities/occupations to support occupational performance.
- R4 To be able to adequately integrate the various treatment modalities into the Occupational Therapy intervention process to support occupational performance, preferably those that accumulate the most scientific and clinical evidence in each intervention setting.



Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

GENERAL	Weighting			
	1	2	3	4
CG10 To evaluate and adapt the environment to promote participation in meaningful occupations -in the different facets of every day life-, personal autonomy and the quality of life		X		
CG11 To understand and develop, with the relevant information, the historical application of Occupational Therapy			X	
CG12 To develop an evaluation of occupational functioning that is adequate for the needs of individuals and populations.			X	
CG13 To determine occupational dysfunctions and needs, to define the planning and to establish Occupational Therapy interventions, using the therapeutic potential of meaningful occupation through the use of activities, with the consent and the participation of individuals and populations.				X
CG14 To know, select and apply the appropriate theories, the theoretical frameworks for reference, the models and methods of Occupational Therapy practice to choose or re-establish meaningful occupation, according to the health needs of individuals/populations (promotion of health, prevention and treatment).				X
SPECIFIC	Weighting			
	1	2	3	4
CE33 To promote health and prevent disability, acquire or recover the occupational activity needed in each part of the life cycle in order to achieve independence and autonomy in the areas of occupational activity of those persons who are at risk, those with organ deficiency, activity limitation and participation and/or social exclusion.			X	



CE34	To carry out an adequate treatment, respecting the different phases and basic principles through therapeutic occupations and based on related knowledge such as the science of occupation, in the different areas of occupational activity, analysing the activity components and the different existing environments and contexts.				X
CE37	To know, understand and apply the fundamentals of personal autonomy in everyday life activities with and without adaptations and/or technical help in the life cycle.				X
CE40	To apply significant activity, ergonomic study, new technologies and assisted technology in Occupational Therapy in the cycle of life.				X
CE48	To use ethical and professional reasoning in an efficient way through the process of Occupational Therapy.				X
CE49	To use the therapeutic potential of occupation through the analysis and synthesis of occupation and activity.				X



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4	50,00%	Written tests: Summative and final theoretical-practical test (open questions, objective test questions, truncated test, etc.) Preparation of field work memoranda, practical case solutions, single cases.
R1, R2, R3, R4	30,00%	Presentation of group and individual works.
R1, R2, R3, R4	20,00%	Individual monitoring of attendance at face-to-face sessions and active participation in theoretical and practical classes, seminars and tutorials.

Observations

The evaluation is continuous and is based on the collection/delivery of evidence of attendance/participation, practical activities and individual and/or group work throughout the semester. All submissions of individual and group work will be made through the UCV VIRTUAL CAMPUS within the deadlines and in the forms specified by the professor of the subject. Late submissions will not be accepted under any circumstances. The assignments that have not yet been submitted will be submitted and evaluated on the official date of the second examination. In addition, a final theoretical-practical test will be held during the official examination period. The official examination dates are set by the Dean's Team of the Faculty according to the periods established in the academic calendar. For changes to examination dates, please refer to the reasons and procedure in Article 12 of the Examination Regulations.

<https://www.ucv.es/Portals/0/documentos/normativa/20170526144309926.pdf>

Criteria for Award of Distinction: Evidence of excellence in all competencies and learning outcomes.

Note: In order to pass the course, the student must pass the different assessment systems (attendance and active participation, practical/work and examination) separately. Failure to comply with the rules and deadlines set for the completion of academic activities will invalidate the grade.



In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded.

Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M1 ON-CAMPUS CLASS
- M2 PRACTICAL CLASSES
- M3 SEMINAR
- M4 GROUP PRESENTATION OF PAPERS
- M5 OFFICE ASSISTANCE
- M6 ASSESSMENT
- M7 GROUP WORK
- M8 INDEPENDENT WORK



IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
ON-CAMPUS CLASS: Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge. M1	R1, R2, R3, R4	29,00	1,16
PRACTICAL CLASSES: Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity. M2	R1, R2, R3, R4	10,00	0,40
SEMINAR: Supervised monographic sessions with shared participation M3	R1, R3	7,50	0,30
GROUP PRESENTATION OF PAPERS: Application of multidisciplinary knowledge M4	R1, R3	7,50	0,30
OFFICE ASSISTANCE: Personalized and small group attention. Period of instruction and /or orientation carried out by a tutor to review and discuss materials and topics presented in classes, seminars, eadings, papers, etc. M5	R1, R2, R3, R4	3,00	0,12
ASSESSMENT: Set of oral and/or written tests used in initial, formative or additive assessment of the student M6	R1, R2, R3, R4	3,00	0,12
TOTAL		60,00	2,40



LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
<p>GROUP WORK: Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform (www.plataforma.ucv.es)</p> <p>M7</p>	R1, R2, R3, R4	40,00	1,60
<p>INDEPENDENT WORK: Student study: Group Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform (www.plataforma.ucv.es)</p> <p>M8</p>	R1, R2, R3, R4	50,00	2,00
TOTAL		90,00	3,60



Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block	Contents
UNIT 1: OCCUPATIONAL THERAPY IN CARDIAC AND RESPIRATORY PATHOLOGY	<ol style="list-style-type: none">1. General intervention in cardiorespiratory Pathology2. COPD3. Heart disease4. Inmovilism Syndrome5. Oncology and paliative care
UNIT 2: OCCUPATIONAL THERAPY IN LOCOMOTOR PATHOLOGY	<ol style="list-style-type: none">6. General evaluation in locomotor pathology7. General intervention in locomotor pathology8. Injuries of the hand and the upper limb9. Muscle-tendon injuries10. Peripheral nerve injury11. Arthritis and osteoarthritis12. Amputations and replantation13. Burns and scars
UNIT 3: OCCUPATIONAL THERAPY IN OTHER DISEASES OF INTEREST	<ol style="list-style-type: none">14. Fibromyalgia15. Low back pain



Temporary organization of learning:

Block of content	Number of sessions	Hours
UNIT 1: OCCUPATIONAL THERAPY IN CARDIAC AND RESPIRATORY PATHOLOGY	8,00	16,00
UNIT 2: OCCUPATIONAL THERAPY IN LOCOMOTOR PATHOLOGY	18,00	36,00
UNIT 3: OCCUPATIONAL THERAPY IN OTHER DISEASES OF INTEREST	4,00	8,00



References

The materials for the preparation of the written test will be provided by the professor through the virtual UCV Campus.

Basic bibliography

- Cantero, R. (2020). *Terapia de mano basada en el razonamiento y la práctica clínica*. Universidad Internacional de Andalucía.
- Polonio B. (2016). *Terapia Ocupacional en disfunciones físicas: teoría y práctica*. Médica Panamericana.

Further reading

- AOTA (2017). *Occupational Therapy Practice Guidelines for Adults With Arthritis and Other Rheumatic Conditions*. American Occupational Therapy Association, AOTA.
- AOTA (2017). *Occupational Therapy Practice Guidelines for Adults With Musculoskeletal Conditions*. American Occupational Therapy Association, AOTA.
- AOTA (2017). *Occupational Therapy Practice Guidelines for Cancer Rehabilitation With Adults*. American Occupational Therapy Association, AOTA.
- Cooper, J. (2006). *Occupational Therapy in oncology and palliative care*. Whurr Publishers.
- Cooper, C. (2007). *Fundamentals of Hand Therapy. Clinical Reasoning and Treatment Guidelines for Common Diagnoses of the Upper Extremity*. Mosby Elsevier.
- Cromwell, F.S. & Bear-Lehman J. (2007). *Hand rehabilitation in occupational therapy*. Routledge.
- De Herder, E. (2015). *Evidenced Based Hand and Upper Extremity Protocols: a practical guide for therapists and Physicians*.
- Duncan, S. & Flowers, C. (2015). *Therapy of the hand an upper extremity: rehabilitation protocols*. Springer.
- Hopkins, & Smith, H. (2001). *Terapia Ocupacional*. Médica Panamericana.
- Mc.Hugh, H. & Schultz-Krohn, W. (2013). *Occupational Therapy practice skills for physical dysfunction*. Elsevier.
- Montagut F., Flotats G. & Lucas E. (2015). *Rehabilitación domiciliaria: principios, indicaciones y programas terapéuticos*. Editorial Masson.
- Radomnsky, M. & Trombly, C. (2008). *Occupational Therapy for Physical Dysfunction*. Lippincott Williams & Wilkins.
- Shirven, Osterman, Fedorczyk & Amadio (2001). *Rehabilitation of the hand and upper extremity*. Elsevier Mosby. Vol I y II.
- Turner, A., Foster, M. & Jonhson, S. (2010). *Occupational Therapy and Physical Dysfunction. Enabling occupation*. Churchill Livingstone.
- VV.AA. (2013). *Mosby's field guide to Occupational Therapy for physical dysfunction*. Elsevier Mosby.