



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Occupational Therapy Department

O.T351 Occupational Therapy For Physical Dysfunction (1) - JNQF Level: 7

First Semester 2023-2024

Course Catalog

2 Credit Hours. This course introduces most common occupational therapy theories and practices when working with adults with physical dysfunctions, including weakness, contractures, lack of voluntary movements, and spasticity. Students will understand normal and abnormal patterns of movement and how these relate to occupational therapy interventions. The course will focus on the main frame of references (theories) used with physical dysfunctions (including OT task Oriented, Biomechanical, & Bobath,). The course applies the discussed theories & techniques on stroke, hand injuries & orthopedic conditions treated in OT clinics. Other related therapeutic approaches and common physical dysfunctions will follow in physical dysfunctions II course.

Teaching Method: On Campus

Text Book

Title	Occupational therapy for physical dysfunction
Author(s)	Mary Vining Radomski & Catherine A. Trombly
Edition	7th Edition
Short Name	Ref #1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Willard and Spackman's Occupational Therapy	Glen Gillen & Catana Brown	14th Edition	

Instructor

Name	Prof. Khader Al Mhdawi
Office Location	Faculty of Applied Medical Sciences, Ground level

Office Hours	Sun : 13:30 - 15:30 Mon : 08:00 - 09:00 Tue : 13:30 - 15:30 Wed : 08:00 - 09:00
Email	khader@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Tue : 12:30 - 13:30 Room: M3303

Prerequisites		
Line Number	Course Name	Prerequisite Type
1122220	O.T222 Independent Living Practical	Prerequisite / Study
1122170	O.T217 Assessment In Occupational Therapy Practical	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to physical dysfunctions	From Ref #1 , From Ref #2
Weeks 2, 3	Assessing Range of motion, strength, and endurance	From Ref #1
Week 4	Optimizing motor abilities and capacities: Range of motion, Strength, and endurance	From Ref #1
Week 5	The Biomechanical Approach	From Ref #1
Weeks 6, 7, 8	Optimizing motor behavior using the Bobath approach	From Ref #1
Weeks 9, 10	Optimizing motor behavior using occupation-based interventions ?task-oriented approach	From Ref #1
Weeks 11, 12	Orthopedic conditions	From Ref #1
Weeks 13, 14	Stroke	From Ref #1 , From Ref #2
	Revision	From Ref #1 , From Ref #2

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method

Demonstrate basic knowledge of OT models, approaches and theories used physical conditions including Bobath, Biomechanical, and OT Task-oriented approaches [1PLO1, 1PLO8, 1PLO9] [1L7K1, 1L7S2, 1L7C4]	30%	
Acquire and implement basic skills of OT evaluation in physical dysfunctions [1PLO3, 1PLO4, 1PLO5] [1L7S1, 1L7S3]	30%	
Prescribe and implement individualized functional therapeutic activities for various physical dysfunctions [1PLO4, 1PLO5, 1PLO7] [1L7S1, 1L7S2, 1L7C2, 1L7C4]	30%	
Adopt evidence-based practice as a clinical standard [1PLO1, 1PLO7, 1PLO9] [1L7S1, 1L7C2, 1L7C4]	10%	

Relationship to Program Student Outcomes (Out of 100%)								
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
13.33		10	20	20		13.33	10	13.33

Relationship to NQF Outcomes (Out of 100%)						
L7K1	L7S1	L7S2	L7S3	L7C2	L7C4	
10	25.83	17.5	15	10.83	20.83	

Evaluation	
Assessment Tool	Weight
First Exam	30%
Second Exam	30%
Final Exam	40%

Policy	
Professional Behavior	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Repeated lack of professional behavior will result in failure of this course. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, passing food during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Cheating	All assignments and learning activities should be of the student's own work unless instructed differently. The instructor will follow JUST's roles and regulation in the cases of cheating and/or plagiarism. Group discussions are highly recommended however it's crucial for each student to submit individual assignment, unless I indicate otherwise
Absence	According to Student Manual (Item 8: B, C & D), students are not allowed to be absent for more than 10% of lectures without any official excuse (and more than 20% with an official excuse). If a student exceeds either cases, he or she will not be allowed to sit for future course exams and will earn the least possible grade for the course (35%), unless the student had already withdrew from the course (according to item 13: B).

Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor during office hours or using the e-mail: khader@just.edu.jo
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