



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

P.T481 Pt In Geriatrics - JNQF Level: 7

First Semester 2023-2024

Course Catalog

2 Credit Hours. This is an introductory course in geriatrics, designed to facilitate understanding of the elderly and their special needs. Biological and functional changes due to aging are considered, with an emphasis on the necessary modification of physiotherapy procedures for geriatric patients. Evaluation and treatment planning with geriatric patients will provide clinical experience and enhance learning.

Teaching Method: Blended

Text Book

Title	Geriatric Physical Therapy
Author(s)	Guccione AA
Edition	3rd Edition
Short Name	Ref 1
Other Information	

Instructor

Name	Dr. Mikhled Maayah
Office Location	Head of Department Office
Office Hours	
Email	mikhledm@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Sun : 15:30 - 16:30
 Room: M2202

Prerequisites

Line Number	Course Name	Prerequisite Type
1122050	O.T205 Human Development And Psychology	Prerequisite / Study
1112140	P.T214 Introduction To Clinical Medicine (Lab)	Prerequisite / Study

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction to the course	From Ref 1
Week 2	Physiological changes associated with aging	From Ref 1
Week 3	Functional assessment of the elderly	From Ref 1
Week 4	Cognitive assessment of the elderly and cognitive alteration with age	From Ref 1
Week 5	Sleep problems in elderly	From Ref 1
Weeks 6, 7	Motor learning in older adults	From Ref 1
Week 8	Vestibular disturbances in elderly- general structures	From Ref 1
Week 9	Vestibular disturbances in elderly- changes in elderly	From Ref 1
Week 10	Vestibular disturbances in elderly- rehabilitation	From Ref 1
Weeks 11, 12, 13, 14	Balance and Falls in elderly management	From Ref 1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Demonstrate a comprehensive understanding of age-related anatomical, psychological, and cognitive changes, distinguishing them from disease-induced alterations. [1PLO1 -K1] [1L7K1]	20%	
Formulate patient-specific physical therapy problem lists based on thorough assessment, including diverse geriatric conditions. [1PLO3-K3] [1L7S3]	20%	
Develop both short-term and long-term goals tailored to individual patient needs and conditions, integrating assessment outcomes and patient objectives. [1PLO6-S2] [1L7C2]	20%	
Design and implement holistic physical therapy treatment programs for geriatric patients, utilizing evaluation findings and interdisciplinary collaboration. [1PLO10-C3] [1L7S3]	20%	
Assess patient prognosis based on physical therapy examination results, medical data, and psychosocial factors, aligning with patient-centered goals and interdisciplinary perspectives. [1PLO6-S2] [1L7S2]	20%	

Relationship to Program Student Outcomes (Out of 100%)																
PLO1 -K1	PLO8- C1	PLO9- C2	PLO5- S1	PLO2- K2	PLO3- K3	PLO6- S2	PLO4- K4	PLO10- C3	PLO7- S3	MS_PLO1	MS_PLO2	MS_PLO3	MS_PLO4	MS_PLO5	MS_PLO6	MS_PLO7
20					20	40		20								

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C2
20	20	40	20

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