



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

P.T756 Studies In Geriatric Physical Therapy

Second Semester 2024-2025

Course Catalog

1 Credit Hours. This course advances physical and psycho-behavioral aspects of aging. The course discusses normal and pathological changes with aging. The course discusses treatment options for older clients served in physical therapy clinical settings. The multidimensional concerns of older patients are emphasized in this course.

Teaching Method: On Campus

Text Book

Title	Guccione's Geriatric Physical Therapy
Author(s)	Avers, Dale, and Rita Wong.
Edition	4th Edition
Short Name	Ref 1
Other Information	2019

Instructor

Name	Dr. Mohammad Alwardat
Office Location	Ground Floor L1-10
Office Hours	
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Class Schedule & Room

Section 1:
Lecture Time: Wed : 10:00 - 11:00
Room: M4203

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Definitions and Theories of Aging	From Ref 1
Week 2	Demography, Mortality, and Morbidity Trends in Older Adults	From Ref 1
Week 3	Implications of an Aging Population for Rehabilitation	From Ref 1
Week 4	Neurological System: Age-Related Changes and Cognitive Decline	From Ref 1
Week 5	Musculoskeletal System: Age-Related Changes and Sarcopenia	From Ref 1
Week 6	Elderly Postural Control and Balance Changes	From Ref 1
Week 7	Cardiovascular and Respiratory System Changes in Aging	From Ref 1
Week 8	Exercise Prescription for Aging Populations	From Ref 1
Week 9	Fall Prevention and Mobility Training in Older Adults	From Ref 1
Week 10	Clinical Decision-Making in Geriatric Rehabilitation	From Ref 1
Weeks 11, 12	Psychosocial and Mental Health Aspects of Aging	From Ref 1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Analyze the normal and pathological physical, psychological, and behavioral changes associated with aging and their implications for physical therapy practice.	20%	
Apply evidence-based physical therapy interventions to address the functional, cognitive, and psychosocial needs of older adults in clinical settings.	20%	
Utilize critical thinking skills to assess and develop individualized treatment plans for older adults, incorporating interdisciplinary collaboration and patient-centered care.	20%	
Evaluate the effectiveness of various physical therapy interventions for older adults by integrating research findings, clinical outcomes, and emerging technologies.	20%	
Engage in continuous professional development to enhance expertise in geriatric rehabilitation and contribute to advancements in physical therapy for aging populations.	20%	

Evaluation	
Assessment Tool	Weight
Assignments	30%
Midterm Exam	30%
Final exam	40%