



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

P.T498 Advanced Clinical Training - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

5 Credit Hours. Practicing assessment and management for patients with orthopedic, neurological, and cardiopulmonary disorders in clinical facilities with minimal supervision to gain sound appraisal and independence during clinical performance.

Teaching Method: On Campus

Text Book

Title	Advanced Techniques in Physiotherapy & Occupational Therapy
Author(s)	Krishna N. Sharma
Edition	1st Edition
Short Name	Ref 1
Other Information	

Instructor

Name	Dr. Mohammad Yabroudi
Office Location	-
Office Hours	
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Class Schedule & Room

Section 1:
Lecture Time: Mon, Wed : 08:30 - 13:30
Room: HOSPITAL

Prerequisites		
Line Number	Course Name	Prerequisite Type
1114931	P.T493 Clinical Practice In Orthopaedics (1)	Prerequisite / Study
1114911	P.T491 Clinical Practice In Paediatrics (1)	Prerequisite / Study
1114950	P.T495 Clinical Practice In Neurology (1)	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Advanced Clinical Practice	
Weeks 2, 3	Orthopedic Disorders	
Weeks 4, 5	Neurological Disorders	
Weeks 6, 7	Neurological Disorders	
Weeks 8, 10	Clinical Practicum I	
Weeks 11, 12	Advanced Assessment Techniques	
Weeks 13, 14, 15	Clinical Practicum II and Independent Performance	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify common orthopedic, neurological, and cardiopulmonary disorders, including their etiology, pathophysiology, and clinical manifestations. [1PLO1 -K1] [1L7K1]	15%	
Demonstrate knowledge of assessment techniques specific to orthopedic, neurological, and cardiopulmonary conditions, including physical examination, diagnostic tests, and imaging modalities. [1CLO2- K2] [1L7K1]	10%	
Explain evidence-based management strategies and interventions for orthopedic, neurological, and cardiopulmonary disorders, considering patient-specific factors and best practices in rehabilitation. [1CLO4-K4] [1L7K1]	10%	
Apply appropriate assessment techniques to evaluate patients with orthopedic, neurological, and cardiopulmonary disorders, demonstrating proficiency in history-taking, physical examination, and diagnostic interpretation. [1PLO6-S2] [1L7S1]	10%	
Formulate comprehensive treatment plans based on assessment findings, integrating evidence-based interventions and considering patient preferences, goals, and functional status. [1PLO7-S3] [1L7S2]	10%	
Utilize specialized equipment and technology effectively for the assessment and management of orthopedic, neurological, and cardiopulmonary conditions, ensuring accurate data collection and interpretation. [1PLO7-S3] [1L7S3]	10%	
Develop clinical reasoning and critical thinking abilities to analyze complex patient cases, identify differential diagnoses, and make evidence-based decisions regarding assessment and management. [1PLO10-C3] [1L7C3]	15%	

Exhibit professionalism, ethical conduct, and cultural competence in all interactions with patients, colleagues, and healthcare team members, respecting diversity, confidentiality, and patient autonomy. [1PLO9-C2] [1L7C3]	10%	
Demonstrate independence and autonomy in clinical practice, taking initiative, assuming leadership roles when appropriate, and managing responsibilities effectively in various healthcare settings with minimal supervision. [1PLO8-C1] [1L7C4]	10%	

Relationship to Program Student Outcomes (Out of 100%)									
PLO1 - K1	CLO2- K2	PLO3- K3	CLO4- K4	PLO5- S1	PLO6-S2	PLO7-S3	PLO8-C1	PLO9-C2	PLO10-C3
15	10		10		10	20	10	10	15

Relationship to NQF Outcomes (Out of 100%)						
L7K1	L7S1	L7S2	L7S3	L7C3	L7C4	
35	10	10	10	25	10	

Policy	
Student responsibilities	<ol style="list-style-type: none"> 1. Attend all the clinical hours and being on time. 2. Each student should attend two days per week. 3. Students should be committed to the dress code of the clinic. Students who will not be committed to the dress code will not be allowed to attend the clinic. The dress code includes the following: <ul style="list-style-type: none"> ? Navy blue physical therapy uniform (scrubs) ? Clean clothes ? Clean and tidy white lab-coat ? Jeans for males and females are not allowed. ? High heels for females are not allowed. ? Females should tie up the long hair. ? Males should shave or trim their beard. ? Strong perfumes are not allowed. ? Long nails are not allowed. ? Excessive accessories and jewelries particularly in the hands are not allowed. 4. Each group should have the testing tools (goniometry, measuring tape, reflex hammer, examination sheet, notebook, pensile or pen,) 5. No food or beverages are allowed in the clinics. 6. After the completion of the clinical session, all equipment should be returned to its original location. 7. The assigned patient is your responsibility, and patient safety is your responsibility until the patient leaves the clinic. 8. Turn off your mobile phone.