



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

P.T362 Pt In Cardiopulmonary Conditions - JNQF Level: 7
Second Semester 2023-2024

Course Catalog
3 Credit Hours. Cardiac rehabilitation aims to reverse limitations experienced by patients who have suffered the adverse pathophysiologic and psychological consequences of cardiac events.
Teaching Method: On Campus

Text Book	
Title	Title Cardiac Rehabilitation, Adult Fitness, and Exercise Testing
Author(s)	Paul S. S. Fardy & Frank G. Yanowitz
Edition	3rd Edition
Short Name	Reference 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	Basic Electrocardiography: ECG	Stephen Scheidt & Jay A. Erlebacher	1st Edition	

Instructor	
Name	Prof. Mahmoud Alomari
Office Location	M5L-4#24
Office Hours	
Email	alomari@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 14:30 - 16:00 Room: P1101

Prerequisites		
Line Number	Course Name	Prerequisite Type
102121	MED212 Pathology	Prerequisite / Study
1112070	P.T207 Exercise Physiology	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Exercise testing	From Reference 1
Weeks 2, 3	Electrocardiogram interpretation	From Reference 2
Week 4	Exercise prescriptions for patients with chronic diseases	From Reference 1
Weeks 5, 6	Cardiovascular diseases	From Reference 1
Weeks 6, 7, 8	Risk factors for cardiovascular diseases	From Reference 1
Weeks 9, 10, 11	Cardiovascular/pulmonary rehabilitation programming	From Reference 1
Week 12	CPR programming	From Reference 1
Weeks 13, 14	Chest physiotherapy	From Reference 1
Week 15	Practical exam	From Reference 1 , From Reference 2
Week 16	Final Exam	From Reference 1 , From Reference 2

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Know common cardiovascular/pulmonary disorders [1PLO1 -K1] [1L7K1]	20%	Midterm
Utilize laboratory and field tests to evaluate and monitor physical functions in populations with special needs [1PLO5-S1] [1L7K1]	20%	Midterm
Able to prescribe anaerobic and aerobic exercises for special populations to achieve specific training goals. [1PLO6-S2] [1L7S3]	20%	Midterm, Final
Apply the appropriate procedures and phases to help the patients in cardiovascular/pulmonary rehabilitation program [1PLO10-C3] [1L7C1]	20%	Final
Interpret ECG [1PLO7-S3] [1L7S2]	20%	Final

Relationship to Program Student Outcomes (Out of 100%)															
PLO1 -K1	PLO2- K2	PLO3- K3	PLO4- K4	PLO5- S1	PLO6- S2	PLO7- S3	PLO8- C1	PLO9- C2	PLO10- C3	MS_PLO1_K1	MS_PLO2_K2	MS_PLO3_K3	MS_PLO4_S1	MS_PLO5_S2	MS_PLO6_C1
20				20	20	20			20						

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C1
40	20	20	20

Evaluation	
Assessment Tool	Weight
Midterm	50%
Final	50%

Policy	
Statement on Professionalism	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 failing the course. Examples of unprofessional behavior include but are not limited to missing classes (see attendance policy), tardiness, lack of attention for a speaker, talking to others during lectures, passing food during lectures, leaving a lecture before its completion without prior authorization of the instructor, working on other class material during class, inappropriate dress for labs, and sleeping during class.
Attendance policy	<ul style="list-style-type: none"> > Students are expected to attend more than 80% of lectures. If absent more than 10%, the student will be banned from the course after electronic notification from the university through student e-mail. > Each student is expected to sit in his numbered seat > Empty seat will be counted as absent > All absences will be entered electronically into the University site
Communication with instructor	Electronic-mail is the best way to reach me as I consistently check it. However, students still can use the above-listed phone numbers
Cell phones	Please do not use cell phones in class or labs. If you are depended upon for anticipated emergencies please put cell phones on vibration and answer the phone outside the classroom. I WILL KEEP MY CELL PHONE IN MY OFFICE OR ON VIBRATION MODE DURING CLASS TIME. Unfortunately, I have to remove the student from class in case the phone rings.

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