



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

P.T711 Advanced Management In Medical Sciences

First Semester 2024-2025

**Course Catalog**

2 Credit Hours. This course provides the students with advanced knowledge of models of management and health administration that allows them to demonstrate effective and efficient managerial decision making in all contexts within a sound ethical framework. Course will also build the students' capacity in team development within an interdisciplinary context.

**Teaching Method:** Blended

**Text Book**

<b>Title</b>	Management of Healthcare Organizations
<b>Author(s)</b>	Peter Olden
<b>Edition</b>	11th Edition
<b>Short Name</b>	Ref 1
<b>Other Information</b>	2011

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref 2	Introduction To Health Care Management	Sharon Buchbinder	1st Edition	2007

**Instructor**

Name	<b>Dr. Mohammad Alwardat</b>
Office Location	Ground Floor L1-10
Office Hours	
Email	msalwardat@just.edu.jo

**Class Schedule & Room**

Section 1:  
 Lecture Time: Thu : 11:30 - 13:30  
 Room: M4203

**Tentative List of Topics Covered**

<b>Weeks</b>	<b>Topic</b>	<b>References</b>
Week 1	Healthcare Delivery Systems	From <b>Ref 1</b> , From <b>Ref 2</b>
Week 2	Leadership and Management Theories	From <b>Ref 1</b> , From <b>Ref 2</b>
Week 3	Power and empowerment	From <b>Ref 1</b>
Week 4	Decision Making	From <b>Ref 1</b>
Week 5	Planning	From <b>Ref 1</b>
Week 6	Ethics in Management	From <b>Ref 1</b>
Week 7	Conflict Management	From <b>Ref 1</b>
Week 8	Time Management and Delegation	From <b>Ref 1</b> , From <b>Ref 2</b>
Week 9	Financial Management & Budgeting	From <b>Ref 1</b>
Week 10	Team Work and Group Dynamics	From <b>Ref 1</b> , From <b>Ref 2</b>

<b>Mapping of Course Outcomes to Program Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Identify models of management and health administration.	10%	
Classify national/international health management systems.	10%	
Develop strategic planning within the scope of quality assurance in the organization	20%	
Describe the decision-making process in managerial situations/scenarios	20%	
Demonstrate skills in team development in interdisciplinary teamwork	20%	
Analyze and interpret ethical and managerial dilemmas	20%	

**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

<b>Evaluation</b>	
<b>Assessment Tool</b>	<b>Weight</b>
Midterm Exam	20%
Assignments	20%
Presentation	20%
Final exam	40%

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