



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

PARA305 Pharmacology For Paramedic Students - JNQF Level: 6

Second Semester 2023-2024

**Course Catalog**

2 Credit Hours. This course is designed to provide students with basic knowledge of: 1. Drugs classifications, categories, and mechanism of action. Implications of use, drug interactions, adverse reactions; dosage computations and measurements. Adult, pediatric and geriatric medication considerations are also covered. 2. Intravenous therapy and clinical experiences in the administration of intravenous therapy as well as other drug administration routes and drugs employed by the Advanced Care Paramedics.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	Nancy Caroline's Emergency Care In The Streets (Orange Book)
<b>Author(s)</b>	Andrew N, Pollak
<b>Edition</b>	8th Edition
<b>Short Name</b>	Pharma
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Drug doses	Paramedic: calculations for medication administration.	Salmon, M., Pomerantz, D.S.	5th Edition	

**Instructor**

Name	Dr. Eihab Khasawneh
Office Location	-

Office Hours	Sun : 11:30 - 12:30 Mon : 13:00 - 14:30 Tue : 11:30 - 12:30 Tue : 14:30 - 16:00 Thu : 14:30 - 15:30
Email	eakhasawneh1@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Sun, Tue : 09:30 - 10:30 Room: LAB

Prerequisites		
Line Number	Course Name	Prerequisite Type
102550	MED255 Pharmacology	Prerequisite / Study

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
students who take this class will learn drugs classifications, categories, and mechanism of action. [1PLO 1, 1PLO 2, 1PLO 3, 1PLO 4, 1PLO 8, 1PLO 9] [1L6K1, 1L6S1, 1L6S2]	20%	
Students will learn the Implications of drug use, interactions, and adverse reactions. [1PLO 1, 1PLO 5, 1PLO 6, 1PLO 7, 1PLO 8, 1PLO 9] [1L6K1, 1L6K2, 1L6S1, 1L6S2, 1L6C1, 1L6C2, 1L6C3]	20%	
Students will learn drug administration routes, doses, and indications for drugs employed by the Advanced Care Paramedics. [1PLO 1, 1PLO 2, 1PLO 3, 1PLO 7, 1PLO 8] [1L6K1, 1L6C1]	40%	
Students will learn adults, pediatrics, and geriatrics medication considerations in terms of doses, indications, contraindications, and routes of administration [1PLO 1, 1PLO 3, 1PLO 7, 1PLO 8] [1L6S2, 1L6C3, 1L6C4, 1L6C5]	20%	

Relationship to Program Student Outcomes (Out of 100%)								
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
19.67	11.33	16.33	3.33	3.33	3.33	16.33	19.67	6.67

Relationship to NQF Outcomes (Out of 100%)								
L6K1	L6K2	L6S1	L6S2	L6C1	L6C2	L6C3	L6C4	L6C5
29.52	2.86	9.52	14.52	22.86	2.86	7.86	5	5

Evaluation
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<b>Assessment Tool</b>	<b>Weight</b>
First exam	25%
Second exam	25%
Participation	10%
Final exam	40%

Date Printed: 2024-03-24