



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

PARA345 Paramedic Management Of Medical Emergencies - JNQF Level: 7

First Semester 2024-2025

**Course Catalog**

3 Credit Hours. This course covers some of the most common medical emergencies seen in ambulance practice. The course focuses on teaching health assessment and prehospital and in-hospital emergency management of medical cases. Topics include the epidemiology, prevention, integrated and definitive care, pathophysiology, assessment and clinical management of patients suffering from genitourinary, metabolic, endocrine, hematological immunology and gastrointestinal disease.

**Teaching Method:** Blended

**Text Book**

<b>Title</b>	Mosby's Paramedic Textbook
<b>Author(s)</b>	McKenna, K., & Sanders, M. J.
<b>Edition</b>	4th Edition
<b>Short Name</b>	Ref #1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Paramedic Care: Principle and Practice	Bledsoe, B. E. Porter, R. S, Cherry, R. A.	4th Edition	
Ref #3	Essentials of Paramedics Care	Bledsoe, B. E; Porter, R. S; Cherry, R. A, Alexander, J. L	3rd Edition	
Ref #4	Advanced Medical Life Support (AMLS)	National Association of Emergency Medical Technicians (NAEMT)	3rd Edition	

**Instructor**

Name	<b>Dr. Zainab AlQudah</b>
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Office Location	-
Office Hours	
Email	zmalqudah5@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 13:00 - 14:30 Room: N1303

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4	Endocrinology	From <b>Ref #1</b> , From <b>Ref #2</b> , From <b>Ref #3</b> , From <b>Ref #4</b>
Weeks 5, 6	Gastroenterology	From <b>Ref #1</b> , From <b>Ref #2</b> , From <b>Ref #3</b> , From <b>Ref #4</b>
Weeks 7, 8, 9	Urology and nephrology	From <b>Ref #1</b> , From <b>Ref #2</b> , From <b>Ref #3</b> , From <b>Ref #4</b>
Weeks 10, 11, 12	Immunology	From <b>Ref #1</b> , From <b>Ref #2</b> , From <b>Ref #3</b> , From <b>Ref #4</b>
Weeks 13, 14, 15, 16	Hematology	From <b>Ref #1</b> , From <b>Ref #2</b> , From <b>Ref #3</b> , From <b>Ref #4</b>

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Students taking this class will be able to understand and manage patients with endocrinological emergencies [3PLO 1, 5PLO 2, 3PLO 3, 4PLO 6, 5PLO 7] [3L7K1, 3L7S1, 2L7S2, 2L7S3, 1L7C1, 3L7C2, 3L7C3, 3L7C4]	20%	
Students taking this class will be able to understand and manage gastroenterological emergencies [3PLO 1, 5PLO 2, 3PLO 3, 4PLO 6, 5PLO 7] [3L7K1, 3L7S1, 2L7S2, 2L7S3, 1L7C1, 3L7C2, 3L7C3, 3L7C4]	20%	

Students taking this class will be able to understand and manage hematological emergencies [3PLO 1, 5PLO 2, 3PLO 3, 4PLO 6, 5PLO 7] [3L7K1, 3L7S1, 2L7S2, 2L7S3, 1L7C1, 3L7C2, 3L7C3, 3L7C4]	20%	
Students taking this class will be able to understand and manage allergic and anaphylactic emergencies [3PLO 1, 5PLO 2, 3PLO 3, 4PLO 6, 5PLO 7] [3L7K1, 3L7S1, 2L7S2, 2L7S3, 1L7C1, 3L7C2, 3L7C3, 3L7C4]	20%	
Students taking this class will be able to understand and manage urological and nephrological emergencies [3PLO 1, 5PLO 2, 3PLO 3, 4PLO 6, 5PLO 7] [3L7K1, 3L7S1, 2L7S2, 2L7S3, 1L7C1, 3L7C2, 3L7C3, 3L7C4]	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
15	25	15			20	25		

Relationship to NQF Outcomes (Out of 100%)							
L7K1	L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4
15	15	10	10	5	15	15	15

Evaluation	
Assessment Tool	Weight
First Exam	25%
Second exam	25%
Final exam	40%
Quizzes	10%

Policy	
Attendance policy	Students are expected to attend all or more than 80% of lectures. All absences will be entered electronically into the University site. If absence is more than 20%, the student will be banned from the course after electronic notification from the university through student e-mail. No points will be counted for points attendance in this class; however, attending the lectures will greatly enhance your grade. The student is responsible for any information discussed in lecture sessions. It is imperative to attend all classes!
Cheating policy	The instructor will follow JUST's rules and regulations
Expected workload	Students are expected to take every effort to ensure satisfactory learning of the material given.
Feedback	Concerns or complaints should be expressed in the first instance to the course instructor. If no resolution is forthcoming, then the issue should be brought to the attention of the Department Chair and, if still unresolved, to the Dean.

Statement on Professionalism	Professional behaviour is expected of students at all times. Attitude and professional behaviour are a minimum criterion for passing this class. Examples of unprofessional behaviour include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during the lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, and sleeping during class.
Cell phone	The use of cellular phones is prohibited in classrooms and during exams. The cellular phone must be switched off in classrooms and during exams.
Make-up exams	Make-up exams are entitled for students who miss the exam with accepted legal or medical excuse endorsed by the instructor within 24 hours after the scheduled exam (Please review university regulation for more details)

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