



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

PARA336 Paramedic Management Of Trauma And Injuries Lab - JNQF Level: 7

Second Semester 2023-2024

Course Catalog

1 Credit Hours. This lab provides the environment to provide basic and advanced emergency care and transportation based on assessment findings for an acutely injured patient. It includes assessment and advanced management of various injuries such as head, spinal, chest trauma, abdominal, burn, and orthopedic injuries as well as the management of various types of shocks.

Teaching Method: On Campus

Text Book

Title	International Trauma Life Support for Emergency Care Providers.
Author(s)	John E. Campbell, Roy L. Alson.
Edition	9th Edition
Short Name	Ref1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref2	Prehospital Trauma Life Support	National Association of Emergency Medical Technicians (NAEMT)	9th Edition	
Ref3	Paramedic Principles and Practice: A Clinical Reasoning Approach	Brett Williams, Linda Ross	2nd Edition	

Instructor

Name	Dr. Alaa Oteir
Office Location	-

Office Hours	Sun : 11:30 - 12:30 Mon : 09:30 - 11:30 Tue : 11:30 - 12:30 Thu : 08:30 - 09:30 Thu : 10:30 - 11:30
Email	aoteir@just.edu.jo

Class Schedule & Room	
Section 1:	Lecture Time: Sun : 12:30 - 15:30 Room: LAB
Section 2:	Lecture Time: Mon : 12:30 - 15:30 Room: LAB
Section 3:	Lecture Time: Tue : 12:30 - 15:30 Room: LAB
Section 4:	Lecture Time: Thu : 12:30 - 15:30 Room: LAB
Section 5:	Lecture Time: Tue : 13:30 - 16:30 Room: LAB

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Orientation Trauma Overview	From Ref1
Week 2	Overview orientation to trauma assessment	From Ref1
Week 3	Trauma assessment	From Ref1
Week 4	Face, neck, and Airway management in trauma	From Ref1
Week 5	Thoracic trauma	From Ref1
Week 6	Hemorrhage and shock	From Ref1
Weeks 6, 7	Head trauma	From Ref1 , From Ref2
Weeks 9, 10	Spinal trauma	From Ref1
Week 10	Abdominal and Genitourinary Injuries	From Ref1
Weeks 11, 12	Musculoskeletal Injuries	From Ref1
Week 13	Comprehensive training	From Ref1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Demonstrate the ability to assess the scene and present injuries through. a. Perform the scene size up and assessment and initial management of trauma patients. b. Describe the kinetics and biomechanics of blunt trauma. Discuss how to evaluate the mechanism of injury in cases of blunt trauma to determine likely injuries. c. Describe the physics of penetrating trauma and the effects of penetrating trauma on the body. Outline how to evaluate the mechanism of injury in cases of penetrating trauma to determine likely injuries [1PLO 1, 1PLO 2, 1PLO 3] [1L7K1]	25%	
Describe the anatomy, physiology, pathophysiology and prehospital assessment and management of the following: d. hemorrhage and shock e. soft-tissue trauma f. abdominal injuries g. burns injuries [1PLO 2, 1PLO 3, 1PLO 6, 1PLO 9] [1L7K1]	25%	
Apply the skill in management of the following: flail chest, open pneumothorax, tension pneumothorax, hemothorax. Explain the cardiac involvement and management associated with blunt injury to the chest. [1PLO 2, 1PLO 3, 1PLO 6, 1PLO 9] [1L7S1, 1L7S2, 1L7S3]	10%	
Apply the skill management of trauma to the head, face, and neck, with special emphasis on early recognition of injuries, and early protection of the airway [1PLO 2, 1PLO 3, 1PLO 6, 1PLO 9] [1L7C1, 1L7C2, 1L7C3, 1L7C4]	25%	
Implement the skill management of musculoskeletal trauma, including discussions of realignment, splinting, and pain control. [1PLO 2, 1PLO 3, 1PLO 6, 1PLO 9] [1L7C1, 1L7C2, 1L7C3, 1L7C4]	10%	
Apply the various management specification in pediatric, pregnant an elderly population [1PLO 2, 1PLO 3, 1PLO 6, 1PLO 9] [1L7C1, 1L7C2, 1L7C3, 1L7C4]	5%	

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
8.33	27.08	27.08			18.75			18.75

Relationship to NQF Outcomes (Out of 100%)							
L7K1	L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4
50	3.33	3.33	3.33	10	10	10	10

Policy	
Statement on Professionalism	Professional behavior is always expected of students. Attitude and professional behavior are a minimum criterion for passing this class. Examples of unprofessional behavior include but are not limited to missing classes, tardiness, lack of attention for a speaker, talking to others during 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.
Cheating	University regulations will be applied on cases of cheating and/or plagiarism
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

Attendance	No points will be counted for points attendance of 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!
Absences:	University regulations will be applied. Students are not allowed to be absent for more than 20% of lectures for any reason or excuse. If a student exceeds the absence limit, he or she will not be allowed to sit for future course exams. (Please review university regulation for more details)
Make-up Exam	Make-up exams is 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)
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor using the e-mail or during office hours

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