



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

P.T226 Neuroscience(1) Lab - JNQF Level: 7

First Semester 2023-2024

Course Catalog

0 Credit Hours. This course provides students with a comprehensive overview of the field of neuroscience, with a focus on neuroanatomy, that will serve as a solid foundation for future courses.

Text Book

Title	Clinical Neuroanatomy
Author(s)	Stephen Waxman
Edition	28th Edition
Short Name	Ref#1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref#2	Neuroanatomy through clinical case	Hal blumenfeld	2nd Edition	

Instructor

Name	Dr. Mohammad Etoom
Office Location	-
Office Hours	Sun : 08:00 - 08:30 Mon : 08:00 - 12:00 Tue : 08:00 - 08:30 Tue : 15:30 - 16:30 Thu : 08:00 - 09:00
Email	msetoom@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun : 09:30 - 11:30
Room: LAB 5

Section 2:
Lecture Time: Sun : 12:30 - 14:30
Room: LAB 5

Section 3:
Lecture Time: Mon : 14:30 - 16:30
Room: LAB 5

Section 4:
Lecture Time: Wed : 14:30 - 16:30
Room: LAB 5

Section 5:
Lecture Time: Thu : 09:30 - 11:30
Room: LAB 5

Section 6:
Lecture Time: Thu : 12:30 - 14:30
Room: LAB 5

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2	Gross Anatomy of the Brain I. Cerebral Cortex	From Ref#1
Weeks 3, 4	Gross Anatomy of the Brain II. Meninges, and Ventricles	From Ref#1
Weeks 5, 6	Gross Anatomy of the Brain III. Deep Subcortical Structures	From Ref#1
Weeks 7, 8	Gross Anatomy and Histology of Brainstem and Cerebellum	From Ref#1
Weeks 9, 10	Gross Anatomy and Histology of the Spinal Cord and peripheral nerves	From Ref#1
Weeks 11, 12, 13	Utah Neuroanatomy	From Ref#1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe the major organization of the nervous system, anatomical terms and planes of section. [1PLO1] [1L7K1]	10%	
Describe the anatomy of the brain and spinal cord and identify their major external and internal structures. [1PLO1] [1L7K1]	50%	
Describe the anatomy of the brainstem and cerebellum. [1PLO1] [1L7K1, 1L7S2]	10%	
Define major ascending and descending spinal cord pathways. [1PLO1] [1L7K1, 1L7S1, 1L7S2]	30%	

Relationship to Program Student Outcomes (Out of 100%)									
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10
100									

Relationship to NQF Outcomes (Out of 100%)		
L7K1	L7S1	L7S2
75	10	15

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