Jadara University

جامعة جدارا

ref# FR/P1/P1/1/v1

COURSE DESCRIPTIONS

Faculty	**Pharmacy**				
Department	**Pharmacy**			**NQF level**	5
Course Title	**Human anatomy practical**	**Code**	**(902124)**	**Prerequisite**	**902123 or Synchronizing**
Credit Hours	1	**Theory**		**Practical**	1
Course Leader	Dr ali alsarhan	**email**	asarhan@jadara.edu.jo		
Lecturers	Dr ali alsarhan, M.Sc Sokiyna Ababneh	**emails**	asarhan@jadara.edu.jo		
Lecture time	1-4 pm	**Classroom**	D110		
Semester	second 2021-2022	**Production**	2020	**Updated**	2021
Awards				**Attendance**	Fulltime

Short Description
The lab course will use a lab-based systems approach, with an emphasis on integrated structure-function relationships at the tissue, organ and organ systems level. The lab study materials will include a microscope slide library of human tissues, skeletons and models for the body systems.

Course Objectives
Recognize the principles of anatomy and describe the physiological structures Body systems functions Provide the student with human anatomy terminology explain the integrated relationship between histology and gross anatomy with respect to structure and function, and be able to extend that knowledge to different aspects of development and function

Learning Outcomes
A. Knowledge - Theoretical Understanding
a1. define the gross anatomy (macroscopic) and histology (microscopic) of the tissues and organs that constitute the human body. a2. Explain the structure of human body systems.
B. Knowledge - Practical Application

B. Skills – Communication, ICT, and Numeracy
b1. apply the laboratory procedures used to examine anatomical structures and evaluate physiological functions of each organ system
C. Competence: Autonomy, Responsibility, and Context
c1. interpret the anatomical structures and predict the physiological functions of body systems.
Teaching and Learning Methods
• Theoretical introduction and Practical experiments
Assessment Methods
(Midterm, reports and Final exam)

Course Contents					
Week	**Hours**	**CLOs**	**Topics**	**Teaching & Learning Methods**	**Assessment Methods**
1.	3	a1	**Introduction to anatomy**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
2.	3	a1,a2	**Tissues I**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
3.	3	a1,a2	**Tissues II**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
4.	3	a1,a2, b1,c1	**Integumentary system**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
5.	3	a1,a2, b1,c1	**Axial Skeleton**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
6.	3	a1,a2, b1,c1	**Appendicular Skeleton and Joints**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam)
7.	3	a1,a2, b1,c1	**Midterm exam**		
8.	3	a1,a2, b1,c1	**Gross Anatomy of Skeletal Muscles**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
9.	3	a1,a2, b1,c1	**Cardiovascular system heart structure**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
10.	3	a1,a2, b1,c1	**Brain**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
11.	3	a1,a2, b1,c1	**Spinal cord**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam

12.	3	a1,a2, b1,c1	**Renal system**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
13.	3	a1,a2, b1,c1	**Respiratory System**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
14.	3	a1,a2, b1,c1	**Digestive system**	Theoretical introduction and Practical experiments	Midterm, reports and Final exam
15.			**Final exam**		
16.			**Final exam**		

Infrastructure	
Textbook	**Van De Graaff's Photographic Atlas for the Anatomy & Physiology eBook ISBN 2019 • Laboratory, 9e By David A. Morton, John L. Crawley 9781617319150**
References	**1. Principles of Anatomy and Physiology, 15th Edition, Gerard J. Tortora and Bryan H. Derrickson, 2016. Wiley and Sons, Inc.**
Required reading	
Electronic materials	**Presentations and animated materials**
Other	

Course Assessment Plan						
Assessment Method		**Grade**	**CLOs**			
			a1	**a2**	**b1**	**c1**
First (Midterm)		30	5	8	8	9
Final Exam		50	5	15	15	15
Coursework						
Coursework assessment methods	Reports	20	5	5	5	5
	Case study					
	Discussion and interaction					
	Group work activities					
	Lab tests and assignments					
	Presentations					
	Quizzes					
Total		100	15	28	28	29

Plagiarism

Plagiarism is claiming that someone else's work is your own. The department has a strict policy regarding plagiarism and, if plagiarism is indeed discovered, this policy will be applied. Note that punishments apply also to anyone assisting another to commit plagiarism (for example by knowingly allowing someone to copy your code).

Plagiarism is different from group work in which a number of individuals share ideas on how to carry out the coursework. You are strongly encouraged to work in small groups, and you will certainly not be penalized for doing so. This means that you may work together on the program. What is important is that you have a full understanding of all aspects of the completed program. In order to allow proper assessment that this is indeed the case, you must adhere strictly to the course work requirements as outlined above and detailed in the coursework problem description. These requirements are in place to encourage individual understanding, facilitate individual assessment, and deter plagiarism.