



Jerash University
Faculty of pharmacy
Department of pharmaceutical science

Course Syllabus

Course Title: Physiology II lab	Course code: 1101233
Course Level: second year	Course prerequisite (s) and/or co requisite(s): Physiology II
Lecture Time: sun (8-10) Wed (10-12)	Credit hours: 1 hour

Academic Staff

Specifics

Name	Rank	Office Number and Location	Office Hours	E-mail Address
Ayman momani	doctor	Faculty of Pharmacy		
Haneen Qudah	Instructor	Faculty of Pharmacy		Alqudah_haneen@yahoo.com

Course module description:

This physiology practice lab focuses on a number of areas of interest in the fields of vital signs and physiology of some organs.

Course module objectives:

At the end of this module, students will be able to:

- 1. Use manual sphygmomanometer and Measured blood pressure**
- 2. Use glucocheck and Measured glucose level**
- 3. Differentiate between different types of thermometers use to measure human blood pressure**

Course/ module components:

- **Books (title , author (s), publisher, year of publication)**

1. BRS Physiology(Linda S Costanzo,
2. Anatomy And Physiology(Kenneth Saladin

- **Support material.**
- **Study guide.**
- **Homework and laboratory guide.**

Teaching methods:

Practical experimental work

Learning outcomes:

Interactive learning by participating the student into the lab work content.

- Communication skills (personal and academic).

Review concept at office hours

- Practical and subject specific skills (Transferable Skills).

Doing homework and simple reports.

Assessment instruments

- Short reports and/ or presentations, and/ or Short research projects
- Quizzes.
- Home works
- Final examination: 40 marks

<u>Allocation of Marks</u>	
Assessment Instruments	Mark
Midterms examination	20
Project/assignment / Reports / Quizes	40
Final examination: 50 marks	40
Total	100

Documentation and academic honesty

- Documentation style (with illustrative examples)
- Protection by copyright
- Avoiding plagiarism.

Course/module academic calendar

week	Basic and support material to be covered
(1)	Check in
(2)	introduction
(3)	Cardiovascular physiology
(4)	Blood sugar
(5)	Human blood groups
(6)	Blood physiology
(7)	Midterm examination
(8)	Renal physiology
(9)	Human body temperature
(10)	Physiology of digestion
(11)	Physiology of respiratory system
(12)	Cellular osmosis
(13)	Project presentations
(14)	Final examination

Expected workload:

On average students need to spend 1 hours of study and preparation for each 50-minute lecture/tutorial.

Attendance policy:

Absence from tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

Module references

Books

3. BRS Physiology(Linda S Costanzo,
4. Anatomy And Physiology(Kenneth Saladin