

University of Al-Anbar

College of Pharmacy

Department of Pharmacology and Toxicology

Title of the course: ***Practical Physiology II***

Level: **2nd Class, 2nd Semester**

Credit hours: **Laboratory 1 credit 2 hours/week**

Tutors:

Reference text: ***Manual for Practical Physiology Adopted by the Department***

Objectives: To enable students understanding the basic principles of physiological functions of different tissues and organs of the human being, and how to evaluate these functions and correlate them with the normal and abnormal conditions. It also emphasizes on the role of homeostatic and hemodynamic changes in the integration of physiological status.

No.	Lab title	hours
1.	Differential W.B.C count	4
2.	Total W.B.C. count	2
3.	Tutorial	2
4.	Red blood cell counting	2
5.	Platelets counting	2
6.	Erythrocyte sedimentation rate (ESR)	2
7	Tutorial	2
8.	Insulin regulation of blood glucose	2
9	Renal physiology	2
10.	Some experiments on vision	2
11.	Tutorial and review	2