

Department : **Clinical Laboratory Sciences**
Course Number : **CLS 421**
Course Title : **Pathophysiology**
Credit Hours : **2 + 1 = 3**

Course Description:

At the completion of this course the student will know the normal structure and functions of the body systems studied. Student should be able to understand the pathophysiology of the most common diseases, its manifestations and the diagnostic methods used.

CLS 421: Laboratory Schedule

Weeks	Subjects
1.	Explaining clinical cases & its relation to disease process
2.	Cardiovascular system: Technique for measuring blood pressure
3.	<u>Clinical cases</u> Heart failure, congenital heart diseases, myocardial infarction
4.	<u>Clinical cases</u> Rheumatic heart, Atherosclerosis, aneurysm, varicose vein
5.	<u>Clinical cases</u> Respiratory system Upper respiratory airways Lower respiratory airways.
6.	Clinical presentation
7.	Digestive system (GIT).
8.	Digestive system (liver & jaundice
9.	Renal disease <u>Clinical cases</u>
10.	Endocrine diseases <u>Clinical cases</u>
11.	<u>Clinical presentations</u>
12.	<u>Clinical presentation</u>
13.	REVISION
14.	FINAL PRACTICAL EXAM

References:

1. Carol Mattson and Porth, **Pathophysiology: Concepts of Altered Health States**, J.B. Lippincott Company, NY, London.
2. Sylvia A. Price and Lorrain M. Wilson, **Pathophysiology: Clinical Concepts of Disease Processes**, Mosby; 6 edition (October 15, 2002).