



<b>Pathophysiology-II</b>	
<b>Title:</b> Pathophysiology-II	
<b>Subject code:</b> 441 PHCL	
<b>Semester:</b> Seventh Semester (Fourth year).	
<b>Duration:</b> 2 + 1 Units (4 contact hours) per week.	
<b>Aims:</b> To provide general knowledge on mechanisms, etiologies, risk factors and complications of disease processes.	
<b>Objectives:</b> At the end of the course the student should know the mechanisms, etiologies and complications of diseases.	
<b>Contents:</b> Emphasis is placed on the role of the immune system in disease as well as on the specific alterations that occur to normal physiology of the renal, endocrine, hematologic and central nervous systems in disease states. Basis for diseases in adults and children.	
<b>Practical:</b> Demonstration of slides and diseased specimens; laboratory findings of major diseases are discussed.	
<b>Minimum course requirements:</b> 30 (2 x 15) Unit lectures and 30 practical hours (2 x 15) per level.	
<b>Evaluation methods:</b>	
- Quizzes	10%
- Mid term examination	25%
- Practical examinations	25%
- Final examination (written)	40%



**Text Books (latest editions):**

- 1- Pharmacotherapy: A Pathophysiologic Approach, Joseph T. Dipiro, Robert L. Talbert, and Michael Posey, Appleton and Lange: Norwalk, Connecticut.
- 2- Pathophysiology: Altered Regulatory Mechanisms in Disease, Edward D. Forhlich, Lippincott Company, Philadelphia.

**Recommended books (latest editions):**

- 1- Pathophysiology of Disease, Stephen J. McPhee.
- 2- Pathophysiology of the Gastrointestinal Diseases, Sanjiv Chopra, May J. Roger, Roger J. May.
- 3- Hematologic Pathophysiology, J. Fred Schiffman.
- 4- Pulmonary Pathophysiology, Michael A. Grippi.
- 5- Renal Pathophysiology, James A. Shayman.
- 6- Pathophysiology: The Biologic Basis for Diseases in Adults and Children, L. Kathryn, Rn McCance Sue, Rn Huether.