

Department : **Clinical Laboratory Sciences**
Course Number : **CLS 321**
Course Title : **General Pathology**
Credit Hours : **2 + 1 = 3**

Course Description:

Upon completion of this course, the students will have the appropriate knowledge about the causes of cellular stress and the general pathologic responses to cellular stress, the circulatory disturbance, the basic immune reactions, the main immunopathologic processes, Disorders of growth and neoplasia.

CLS 321: Laboratory Schedule

Weeks	Subjects
1.	Disturbances of growth (projector slides) - Atrophy, hypertrophy, hyperplasia,....
2-3.	Degeneration - cloudy swelling of kidney - normal and fatty liver - liver fatty degeneration - liver and kidney amyloid degeneration - Spleen hyaline degeneration - Gangrene
4-5.	Chronic and Acute Inflammation - acute appendicitis - brain abscess - fibrinous pericarditis - Granuloma - pulmonary Tb - bilharzias
6.	Healing + Granulation + Myocardial scaring
7.	Circulatory Disturbances - chronic venous congestion of the liver - lung congestion - infarction (lung and kidney)
8.	Circulatory Disturbances Aneurism, Thrombosis, Vegetation, Atherosclerosis
9-10.	Benign Tumor - Breast, digestive system, neurofibroma

- Fibrous tissue: fibroma, fibromyoma, lipoma and papilloma

11-12. Malignant Tumor
Digestive, intestinal and lymph node

13. **REVISION**

14. **FINAL PRACTICAL EXAM**

Assessments:

Mid Term Practical Examination:	5
Final Practical Examination:	15
Tota mark	20

References:

Emanuel Rubin, **Essential Pathology**, Lippincott Williams&Wilkins, Philadelphia & London