

Pathology I

Course Title	:	Pathology I
Course Duration	:	30 weeks
Course Unit	:	6 credit hours (yearly system)

General Objectives	Course Contents	Mode of Teaching
Evaluation	Textbook	References

I. General objectives:

At the completion of the student shall be able to:

1. Know and correctly understand the common terms used in pathology.
2. Recognize basic structural changes of cells and tissues in different disease processes and define the underlying mechanisms.
3. Explain the basis for the main laboratory procedures used in investigation of disease states.
4. Correlate structural changes of cells and tissues in disease processes with functional disturbances.
5. Attain sufficient skills in pathology and apply these to explain and understand clinical signs and symptoms.
6. State the etiology and pathogenesis of important pathological processes.
7. Understand the rationale of the preventive and therapeutic measures of different diseases.

II. Course Content

1. Cell injury and adaptation.

2. Inflammation.
3. Healing and repair.
4. Fluid and hemodynamic derangements.
5. Neoplasia.
6. Infectious diseases.
7. Hematology I.
8. Diseases of the heart.
9. Diseases of blood vessels.
10. Respirator diseases.

III. Mode of teaching:

1. Formal lectures.
2. Laboratory programs (practical classes):
 - a) Study of gross autopsy and surgical specimens (museum jars).
 - b) Kodachrome sessions to demonstrate microscopy and gross pathology of tissues and organs.

IV. Evaluation:

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| 1. Continuous assessment | 40% |
| 2. Final exam | 60% |
| 3. Total | 100% |

V. Textbook

Robbins pathologic Basis of Disease by Cotran, Kumar and Collins
W.B.Sunders Co. Philadelphia, London, Toronto, Montreal,
Sydney, Tokyo Latest edition.

VI. References

1. Muir's Textbook of Pathology by MacSween and Whaley, Edward Arnold, London, Melbourne, Auckland. Latest edition.
2. Govan Pathology Illustrated by Govan, Churchill Livingstone. Latest edition.
3. Pathology by Rubin, Lippincott Raven. Latest edition.
4. Basic pathology by Robbins, W.B. Saunders Co., Latest edition.