

ACCHS COURSE OUTLINE/ SYLLABUS

COURSE TITLE: Western Pathology

COURSE NUMBER: BS117

UNITS/HOURS: 4/60

INSTRUCTOR: John Yeh

TERM OFFERED: II

COURSE OBJECTIVES:

Students gain a clear idea about the western medical view of the nature of disease and illness, as explored through microbiology, immunology, psychopathology and epidemiology.

TEACHING METHODS:

Teaching methods include lectures, discussion, charts, overhead projector, model, handouts, slides, quizzes, term paper, project, midterm and final.

GRADING POLICY:

15% attendance, 40% Midterm, 45% final.

PRE-REQUISITE(S):

Human Physiology (BS115)

TEXTBOOK:

Hand out.

REFERENCE:

Pathologic Basis of Disease, By S. L. Robbins, Philadelphia: W. B.Saunders.

Pathophysiology, Porth, C. M., Philadelphia: J. B. Lippincott.

DESCRIPTION OF CONTENT ON A WEEKLY BASIS:

WEEK 1	Concept of pathology. Disease, death and pathogenic factor. Inflammation. (Hand out)
WEEK 2	Circulatory disturbance and shock. (Hand out)
WEEK 2	Tissue and cellular injury and repair. Fluid and electrolytes imbalance. Acid and base imbalance. (Hand out)
WEEK 3	Tumor. (Hand out)
WEEK 4	Immune pathology (Hand out)
WEEK 5	Fever. Hypoxia. (Hand out)
WEEK 6	Text one. Respiratory system disease. (Hand out)
WEEK 7	Circulatory system disorders. (Hand out)
WEEK 8	Liver and biliary system and pancreatic disorders as well as jaundice. (Hand out)
WEEK 9	Gastrointestinal system disorders. Renal and urinary system disorders. (Hand out)
WEEK 10	Text two. Classification of microbiology. Bacteriology I – Gram positive cocci. (Hand out)
WEEK 11	Bacteriology I – Gram positive and negative cocci. Bacteriology II – Gram positive and negative bacilli. (Hand out)
WEEK 12	Bacteriology II – Gram negative bacilli. (Hand out)
WEEK 13	Bacteriology III – miscellaneous and fungi. Virus. (Hand out)
WEEK 14	Parasites. (Hand out)
WEEK 15	Final exam.