

Master Syllabus

ALH 2220 - Pathophysiology

Division: Health Sciences

Department: Allied Health

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Prerequisite(s): BIO 1107 OR BIO 1121 OR BIO 1141 OR BIO 2211

Date Revised: July 2017

Course Description:

Study of human disease using a system approach emphasizing abnormal physiological processes that result in the signs and symptoms of each disorder. Traditional testing (proctored or in Testing Center) is used in all online sections.

General Education Outcomes:

- Written Communication Competency
- Critical Thinking/Problem Solving Competency

Course Outcomes:

Diabetes mellitus

Describe general pathophysiological principles of diabetes mellitus.

Assessment Method: Locally developed exams

Performance Criteria: 70% or better on written exam

Pathophysiological features

Describe major pathophysiological features of selected disorders involving the following systems: Immune, Gastrointestinal, Reproductive, Cardiovascular, Renal, Respiratory, Central Nervous System.

Assessment Method: Locally developed exams

Performance Criteria: 70% or better on written exam

Cellular and tissue responses

Describe various cellular and tissue responses associated with disease.

Assessment Method: Locally developed exams

Performance Criteria: 70% or above on written exam

Neoplastic disease

Describe general principles of neoplastic disease.

Assessment Method: Locally developed exams

Performance Criteria: 70% or better on written exam

Hepatitis and AIDS

Describe the major pathophysiological features of hepatitis and AIDS.

Assessment Method: Locally developed exams

Performance Criteria: 70% or better on written exam

Outline:

General principles of disease processes, including neoplasia
Immunological function and deficiencies, including AIDS
Central Nervous System disorders
Respiratory disease
Renal disease
Gastrointestinal disease, including hepatitis
Diabetes mellitus
Reproductive disorders, including sexually transmitted disease