

## 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:** October 2017

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### 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