

## Master Syllabus

### ALH 1140 - Fundamentals of Disease Processes

**Division:** Health Sciences

**Department:** Allied Health

**Credit Hour Total:** 3.0

**Lecture Hrs:** 3.0

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

**Date Revised:** March 2013

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#### Course Description:

Pathological changes associated with the most commonly occurring diseases of each body system. Correlates changes with patient's response, diagnostic studies, and treatment modalities. Traditional testing (proctored or in Testing Center) is used in all online sections.

#### General Education Outcomes:

- Written Communication

#### Course Outcomes:

##### Pathological changes

Discuss pathological changes which can produce disease in any body system, to include infection/inflammation, cell proliferation, obstruction, ischemia, fluid and electrolyte imbalances.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

75% or better for student success

##### Disease processes in each body system

Discuss commonly occurring disease processes, utilizing pathological changes, in each body system.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

75% or better for student success

##### Pathological changes and symptoms of disease

Correlate pathological changes with signs and symptoms of diseases.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

75% or better for student success

##### Diagnostic and treatment procedures

Identify diagnostic and treatment procedures of diseases based on their pathological changes.

**Assessment Method:** Locally developed exams

**Performance Criteria:**

75% or better for student success

#### Outline:

Overview of Disease Processes  
Alterations in Fluid and Gas Transport  
Alterations in Nutrition, Digestion, and Elimination  
Alterations of Urinary Elimination and Reproduction  
Alterations in Cognition, Sensation, and Motion  
Alterations in Metabolism  
Alterations in Defense and Protection