Department:

Health Sciences

Course Description:

This course is designed for the Allied Health student to study diseases and disorders that affect the various body systems. This course will focus on diseases of each body system including cause, diagnosis, and treatment. This course does not meet the current requirements for nursing.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Discuss common disease processes for each human body system.
2. Explain how the individual body systems function together.
3. List the types of infections.
4. List transmission for diseases and chain of infection.
5. Describe diseases, causes, diagnoses, and treatment for each body system.
6. Describe diseases, causes, diagnoses, and treatment for congenital and childhood diseases.
7. Describe diseases, causes, diagnoses, and treatment for immunological diseases.
8. Describe diseases, causes, diagnoses, and treatment for mental disorders.
9. Explain the role of alternative medicine.
10. Explain the role of Public Health in the United States.
11. Achieve general course outcomes.
   a. Make reasonable judgments after gathering, analyzing, and evaluating information.
   b. Obtain data using technological and traditional processes.
   c. Communicate verbally and in writing with varying audiences and technologies.
   d. Apply interpersonal skills and knowledge to actual situations.

Course Content:

A. Introduction to Pathophysiology
B. Congenital and Childhood Diseases and Conditions
C. Immunological Diseases and Conditions
D. Diseases and Conditions of the Endocrine System
E. Diseases and Conditions of the Eye and Ear
F. Diseases and Conditions of the Integumentary System
G. Diseases and Conditions of the Musculoskeletal System
H. Diseases and Conditions of the Digestive System
I. Diseases and Conditions of the Respiratory System
J. Diseases and Conditions of the Circulatory System

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K. Diseases and Conditions of the Urinary System
L. Diseases and Conditions of the Reproductive System
M. Neurological Diseases and Conditions
N. Mental Disorders
O. The Role of Alternative Medicine
P. The Role of Public Health in the United States

Learning Assessments:

Course competencies will be assessed by use of discussion questions, graded assignments, comprehensive assignments, research paper, quizzes, and exams.

Instructional Materials:

An Introduction to Human Disease: Pathology and Pathophysiology Correlations, Crowley, 8th Ed., Jones and Bartlett. ISBN 9780763765910

Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students must complete the “Disabilities Self-Identification Form” at this link: https://highlandcc.edu/pages/disability-services.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.