

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
HIM 110 - INTRODUCTION TO HUMAN PATHOLOGY (3 CR.)**

**Course Description**

Introduces the basic concepts, terminology, etiology, and characteristics of pathological processes. Lecture 3 hours per week.

**General Course Purpose**

This course is designed to provide the student with an understanding of the consequences of pathologic processes on the structure and function of the human body. Emphasis is directed on selected disorders/diseases common to acute care in the community hospital environment. The course is presented as Part I: Basic Concepts of Pathophysiology and Part II: Body Systems and Disease.

**Course Prerequisites/Co-requisites**

Completion of HIT 111 - "Medical Terminology I" or permission of instructor.

**Course Objectives**

Upon completion of this course, the student will be able to utilize medical knowledge acquired in HIT 111 to:

- delineate pathophysiologic mechanisms and manifestations of selected disease entities to include:
  - identification of relevant risk factors and epidemiology
  - pathophysiological descriptions
  - identification and explanation of the bases of clinical manifestations
  - identification and explanation of diagnostic and laboratory procedures
  - recognition of frequent complications
  - explanation of current treatments
- participate in individual and group projects and presentations which promote learning of the course content
- complete written assignments which demonstrate an awareness of current trends in medical practice

**Major Topics to be Included**

- a. Altered cellular and tissue biology
- b. Immunity and inflammation
- c. Neoplasms
- d. Neurologic system disorders
- e. Cardiovascular and lymphatic system disorders
- f. Pulmonary system disorders
- g. Musculoskeletal system disorders
- h. Digestive system disorders
- i. Urologic system disorders
- j. Reproductive system disorders
- k. Obstetrics and neonatology disorders
- l. Endocrine system disorders