Alexandria Technical and Community College

MEDS 1608: Basic Pathology

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 2
Lab Hours/Week: 1
OJT Hours/Week: *.*

Prerequisites:
This course requires the following prerequisite
   MEDS 1620 - Medical Terminology I (Number of Years Valid: 5)

Corequisites: None

MnTC Goals: None

This course introduces the diagnosis and treatment of the most common diseases and disorders for each body system. It distinguishes between infectious, communicable, congenital, and neoplastic diseases. This course focuses on the nature of the disease, how the physician might diagnose and treat the disease, and the consequences for the patient. An awareness of basic surgical techniques, instruments, and selected procedures is also included. Prerequisite: MEDS1620 or permission by instructor.

B. COURSE EFFECTIVE DATES: 07/02/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. The course introduces the major mechanisms of disease, diagnosis, and treatment.
2. It will explore developmental and congenital disorders, as well as childhood diseases.
3. It will delve into the body's defense mechanisms beginning with the function of the immune system.
4. The orderly function of each major body system is reviewed.
5. Signs and symptoms of diseases and disorders in each body system are presented.
6. The course examines the etiology of each condition presented as well as the diagnostic tests and procedures indicated.
7. Each condition includes a discussion of treatments and prognosis.
8. An overview of patient screening and teaching are provided with each body system.
9. The course also addresses conditions and disorders resulting from trauma.

D. LEARNING OUTCOMES (General)

   1. The learner will gain a general understanding of signs, symptoms, diagnostic procedures, and surgical treatments of diseases in general.
   2. The learner will recognize signs, symptoms, and etiologies of major diseases and disorders in each body system.
   3. The learner will demonstrate an understanding of diagnostic, treatment and surgical procedures for diseases and disorders in each body system.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus
G. SPECIAL INFORMATION

None noted