Alexandria Technical and Community College

MEDS 1610: Pharmacology and Laboratory

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 2
Lab Hours/Week: *
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 provides a basic understanding of clinical laboratory diagnostic tests and pharmacology. The
basic understanding of laboratory and diagnostic tests is defined as recognizing the divisions of the clinical
laboratory, the test's routine purpose, and interpretation of reference ranges. The basic understanding of
pharmacology is defined as recognizing the forms and categories for common brand and generic drug
names as well as routes of administration and documentation requirements. Prerequisite: MEDS1620.

B. COURSE EFFECTIVE DATES: 02/28/2000 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand the principles of pharmacology.
2. Identify Drug classifications.
3. Apply knowledge of drugs as they relate to disease treatments.
4. Understand and interpret abnormal laboratory results.
5. Explain special drug therapies in older adults, end-of-life care, substance abuse and drug-herb
   interactions.

D. LEARNING OUTCOMES (General)

1. The learner will gain a basic understanding of pharmacology and how it relates to the treatment of
diseases and conditions of the human body.
2. The learner will gain a basic understanding of laboratory and diagnostic tests as they relate to the
treatment of disease and conditions of the human body.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted