Alexandria Technical and Community College

MELT 2744: Clinical Hematology

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: 6
Prerequisites:
MELT 1631 - Hematology (Number of Years Valid: 3)
Corequisites: None
MnTC Goals: None

This course provides further instruction and study in the areas of hematology/coagulation/phlebotomy theory and technique. It provides the opportunity to integrate theory with practice, since it is part of a supervised student occupational experience (SOE). Prerequisite: MELT1631.

B. COURSE EFFECTIVE DATES: 08/27/2012 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand concepts of hematological methods, instrumentation, QC, and disease.
2. Understand concepts of hemostasis methods, instrumentation, QC, and disease.
3. Recognize hematology results related to each type of anemia.
4. Recognize hematology results related to each type of stem cell disorder.
5. Judge quality control results for acceptability.
6. Apply principles of venous and capillary blood collection to patient situations.

D. LEARNING OUTCOMES (General)

1. The learner will understand Heme/Coag methodology, instrumentation, QC, and diseases.
2. The learner will understand phlebotomy.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted