Alexandria Technical and Community College

MELT 1710: Phlebotomy Seminar

A. COURSE DESCRIPTION

Credits: 4
Lecture Hours/Week: 4
Lab Hours/Week: 0
OJT Hours/Week: *.*

Prerequisites:
This course requires the following prerequisite
   MELT 1606 - Phlebotomy Skills (Number of Years Valid: 3)

Corequisites: None
MnTC Goals: None

This course provides a cumulative review of phlebotomy procedures and theoretical concepts from all phases of specimen collection. Emphasis is placed on recall and application of theory, correlation, and evaluation of all areas of phlebotomy practice. Upon completion, students should be prepared for national certification examinations. Students will apply their technical knowledge to specimen collection, case studies, and review major areas of the phlebotomy curriculum with an emphasis on critical thinking skills. Students will have access to practice examinations in preparation for certification examinations. Students will also construct professional resumes, letters of application, and practice miscellaneous communication related skills necessary for securing employment.

B. COURSE EFFECTIVE DATES: 04/05/2024 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Demonstrate knowledge of the structure and function of the circulatory system.
2. Describe the composition and function of blood.
3. Validate collection order with patient identification.
4. Prepare patient, patient’s collection site, and collection equipment for a blood draw.
5. Demonstrate knowledge of blood collection procedures including venous, capillary, and arterial draws.
6. Assess specimen types and suitability.
7. Evaluate specimen labeling, quality assessment, transport, and storage.
8. Demonstrate knowledge of waived and point-of-care testing.
9. Describe the collection, processing, and handling of non-blood specimens.
10. Demonstrate knowledge of quality control and regulations surrounding the collection of blood and non-blood specimens.
11. Compose a resume.
12. Demonstrate interview skills.

D. LEARNING OUTCOMES (General)

1. Demonstrate knowledge of rules and regulations surrounding the collection of blood and non-blood specimens.
2. Evaluate pre-analytical, analytical, and post-analytical procedures.
3. Demonstrate knowledge of blood collection procedures.
4. Demonstrate interviewing skills and compose a resume.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted