Sinclair Community College
444 E. Third St.
Dayton, OH 45402

Master Syllabus

CLT 1203 - Lab for Introduction to Clinical Laboratory

Division: Health Sciences

Department: Clinical Laboratory Technology

Credit Hour Total: 0.0

Date Revised: March 2013

Course Description:

Lab portion of CLT 1200 - Introduction to Clinical Laboratory.

General Education Outcomes:

- Critical Thinking/Problem Solving

Course Outcomes:

Point of Care Testing
Demonstrate proficiency in point-of-care testing

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Phlebotomy
Demonstrate proficiency in blood collection techniques for capillary or venous blood (syringe, vaccutainer, wing infusion)

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Basic Laboratory Safety
Demonstrate use of personal protective equipment, explain the importance of the safety manual, and identify key elements in the following categories: biohazards, fire, electrical, chemical hazard

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Quality Assurance
Demonstrate proper steps necessary for Quality assurance programs established by the JCAHO, CLIA88, and explain how proficiency testing is used to verify laboratory accuracy

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Equipment and Techniques
Differentiate glassware by description and use, describe types and uses of laboratory centrifuges and routine maintenance

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Specimen Collection and Processing
Demonstrate proper collection and processing of the following specimens: blood, urine, body fluid, sputum, stool, throat , and wound culture

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Microscope
Demonstrate proper use of different microscopes

Assessment Method: Simulations
Performance Criteria:

80% or better on given assessment tool

Outline:

Practical experience in phlebotomy
Basic laboratory safety
Equipment, and techniques
Specimen collection and processing

Microscope
Point of care testing
Quality Assurance in the clinical laboratory