

## 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 Competency

#### 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, vacutainer, 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