

## Master Syllabus

### CLT 2313 - Lab for Clinical Chemistry

**Division:** Health Sciences

**Department:** Clinical Laboratory Technology

**Credit Hour Total:** 0.0

**Date Revised:** May 2013

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#### Course Description:

Lab portion of CLT 2310 - Clinical Chemistry.

#### General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Values/Citizenship/Community Competency

#### Course Outcomes:

##### Reagent Preparation

Demonstrate reagent preparation and use

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

##### Chemistry Specimens

Prepare chemistry specimens for analysis

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

##### Chemistry Analysis

Demonstrate speed and accuracy in the analysis of specimens for procedures utilizing only necessary supplies and within a predetermined/reasonable amount of time

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

##### Principle Procedures

Perform principles procedures and describe the clinical importance of abnormal results

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

##### Color Spectrophotometric

Perform variety of test using a color spectrophotometric instrument

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

##### Quality Control

Evaluate quality control results, note trends, shifts and invalid test results

**Assessment Method:** Simulations  
**Performance Criteria:**

80% or better on a given assessment tool

#### Outline:

Reagent Preparation and Use  
Specimen Preparation  
Specimen Analysis  
Principle Procedures  
Color Spectrophotometric  
Quality Control