

Master Syllabus

CLT 2313 - Lab for Clinical Chemistry

Division: Health Sciences

Department: Clinical Laboratory Technology

Credit Hour Total: 0.0

Date Revised: May 2013

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