

## Master Syllabus

### CLT 2213 - Lab for Hematology

**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 2210 - Hematology

### General Education Outcomes:

- ▣ Critical Thinking/Problem Solving Competency
- ▣ Information Literacy Competency

### Course Outcomes:

#### Safety and Quality Control

Demonstrate safety and quality control procedures.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

#### Blood Cells

Identify and recognize normal and abnormal cells on a peripheral blood smear.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

#### Automated and Non-automated Procedures

Performance of routine automated and non automated procedures in the hematology laboratories.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

#### Blood Cell Abnormalities Related to Disease

Evaluate normal and abnormal erythrocyte and leukocytes morphology and related diseases.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

#### Platelets

Performance of routine platelet examination and evaluation.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

#### Documentation

Reporting of hematology results with accuracy and identify errors.

**Assessment Method:** Performance appraisals

**Performance Criteria:**

80% or better on assessment tool

### Outline:

Identify blood cells

Routine automated and non automated procedures

Red cell and white cell abnormalities

Routine platelet examination and evaluation

Documenting and reporting results

Safety and quality control procedures.