

## Master Syllabus

### CLT 2413 - Lab for Clinical Microbiology/Parasitology

**Division:** Health Sciences

**Department:** Clinical Laboratory Technology

**Credit Hour Total:** 0.0

**Date Revised:** March 2016

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#### Course Description:

Lab portion of CLT 2413 - Clinical Microbiology/Parasitology

#### General Education Outcomes:

- Critical Thinking/Problem Solving Competency

#### Course Outcomes:

##### Serological procedures

Perform serological procedures on microorganisms of prime medical concern

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

##### Susceptibility Testing

Perform susceptibility tests of pathogenic bacteria to antibiotics and antimetabolites

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

##### Protozoan and Worm Parasites

Perform identification procedures of protozoan and worm parasites of major medical importance

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

##### Quality Assurance

Demonstrate safety and quality assurance

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

##### Culture and Physiological Characteristics

Distinguish the culture and physiological characteristics of the pathogenic bacteria

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

##### Procedures for Cultivation

Demonstrate recommended procedures for the cultivation of common and rare pathogens

**Assessment Method:** Simulations

**Performance Criteria:**

80% or better on given assessment tool

#### Outline:

Culture and physiological characteristics of the pathogenic bacteria

Cultivation of common and rare pathogens

Serological identification procedures

Susceptibility Testing

Identification of protozoan and worm parasites

Safety, quality assurance