

<b>INSTITUTE</b>	<b>FACULTY OF SCIENCE</b>
<b>PROGRAM</b>	<b>POSTGRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY</b>
<b>SEMESTER</b>	<b>2</b>
<b>COURSE TITLE</b>	<b>LAB 2</b>
<b>COURSE CODE</b>	<b>02ML0203</b>
<b>COURSE CREDITS</b>	<b>3</b>

**Objective:**

- 1 To train students with the experimental and analytical aspects of serological testing and Bio-medical waste management.

**Course Outcomes:** After completion of this course, student will be able to:

- 1 Students will be able to independently perform the serological and pathological testing.
- 2 Students will be able to analyse and interpret the results of various clinical tests.
- 3 Students will become trained in report generation and record maintenance of clinical tests.
- 4 Students will become well versed with the practical aspects of Bio-medical waste management and disposal.

**Pre-requisite of course:**To train students with the experimental and analytical aspects of serological testing and Bio-medical waste management.

**Teaching and Examination Scheme**

<b>Theory Hours</b>	<b>Tutorial Hours</b>	<b>Practical Hours</b>	<b>ESE</b>	<b>IA</b>	<b>CSE</b>	<b>Viva</b>	<b>Term Work</b>
0	0	6	0	0	0	50	50

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
<b>Total Hours</b>		

**Suggested List of Experiments:**

<b>Contents : Unit</b>	<b>Topics</b>	<b>Contact Hours</b>
1	<b>Standard Practices in Biomedical Laboratory</b> EXPERIMENT 1, EXPERIMENT 2, EXPERIMENT 3, EXPERIMENT 4, EXPERIMENT 5, EXPERIMENT 6, EXPERIMENT 7	

**Suggested List of Experiments:**

Contents : Unit	Topics	Contact Hours
2	<b>Medical Microbiology</b> EXPERIMENT 1, EXPERIMENT 2, EXPERIMENT 3, EXPERIMENT 4, EXPERIMENT 5, EXPERIMENT 6, EXPERIMENT 7	
<b>Total Hours</b>		

**Textbook :**

1 NA, NA, NA, NA

**References:**

1 NA, NA, NA, NA, NA

**Suggested Theory Distribution:**

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
25.00	25.00	25.00	10.00	10.00	5.00

**Instructional Method:**

1 NA

**Supplementary Resources:**

1 NA