

MCB2000L: Introductory Microbiology Lab
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Course Description and Purpose

MCB2000L Microbiology Laboratory (one credit hour; for 15 weeks). This course is designed to provide the basic knowledge in microbiological techniques. It includes preparing stained smears, using the microscope, culturing micro-organisms, performing tests to identify bacteria and fungi, and studying microbial growth control methods.

Course Objectives

Upon completing this course, students will be able to:

- Identify bacteria and fungi based on morphological and biochemical features
- Evaluate water and food quality based on microbiological parameters
- Apply different methods in controlling the microbial growth