



Introduction to Medical Microbiology

NIMESH PATEL | HLSC 2400

SEPTEMBER 7, 2017

Overview

- ▶ Introductions
- ▶ Review of the course outline
 - ▶ Required Textbook
 - ▶ Learning Objectives
 - ▶ Method of Assessment
 - ▶ Class Topics
- ▶ Plagiarism Statement

Introductions

- ▶ **Office:** M3054
- ▶ **Office hours:** By appointments only
- ▶ **Email:** nimesh.patel@uleth.ca (Preferred)
 - ▶ Please allow up to 2 business days to respond
- ▶ **Phone:** 403-329-2299
- ▶ **Class time:** Tuesdays and Thursdays, 10:50 am - 12:05 pm **(TH204)**



Required Textbook

- ▶ Bauman, R. W. (2014 or 2016). Microbiology with Diseases by Taxonomy (4th or 5th ed.). Toronto, ON: Pearson/Benjamin Cummings.
- ▶ Reading the material in the textbook is **highly encouraged**, particularly for students who have not taken previous biology courses at the university level.

Learning Objectives

By the end of the course, students will be able to

- ▶ Describe diverse microorganisms that are important in medical microbiology and diagnosis, treatment, and prevention of these microorganisms.
- ▶ Understand and describe body's immune responses to microorganisms.
- ▶ Describe and understand methods and strategies to control microorganisms in the environment and body.
- ▶ Better understand the current topics in microbiology such as antibiotic resistance.

Method of Assessment

Tests

- ▶ Total three tests
 - ▶ Option to retake the test #1 and #2, if they took the first attempt.
 - ▶ The **higher mark** of the two attempts will be calculated for the test.
 - ▶ Students will not have an option to reattempt test #3
- ▶ **Format:** Multiple choice and true/false questions
- ▶ **Weight:** 20% each, 60% of the final grade
- ▶ **Tentative dates:** Oct 3, Nov 2, Dec 5
- ▶ Tests will not be cumulative **but** knowledge from earlier topics will be needed.

Oral Presentation

- ▶ Group project
- ▶ **Weight:** 20% of the final grade
- ▶ A list of presentation topics for the oral presentation will be provided in class.
- ▶ **Due date:** Will be scheduled throughout the course
- ▶ Participation in the group projects in **mandatory**

Classroom Attendance

- ▶ **Weight:** 10% of the final grade
- ▶ Students are expected to attend all the lectures.
- ▶ Attendance will be tracked and graded at the end of the semester. Each student will be allotted one absence with cause from class without penalty to their attendance marks.
- ▶ After that, half a mark will be deducted for every missed class with the maximum of 10 marks deduction from the allotted attendance grades.

Participation

- ▶ **Weight:** 10% of the final grade
 - ▶ In-class quizzes (total 4, 2 marks each)
 - ▶ 2 marks for engaging in discussion after students' presentations
- ▶ There **won't** be any prior announcements about in-class quizzes.

Class Topics

- ▶ Check the syllabus on Moodle
- ▶ Focus:
 - ▶ More on microorganisms that are important in field of medicine
 - ▶ Public Health perspective
- ▶ Topics covered may change and/or the order in which they are covered may be altered.

Plagiarism

- ▶ **Academic Dishonesty and Plagiarism:** Academic Dishonesty and Plagiarism will not be tolerated and will automatically result in a zero grade for the submission. Any student caught plagiarizing may also be subject to additional University sanctions.
- ▶ The University of Lethbridge subscribes to Turnitin.com, a plagiarism detection service. Please be advised that student work submitted for credit in this course may be submitted to this system to verify its originality. Students must be able to submit both electronic and hard copy versions of their work upon request.

Questions?