Instructor: Dr. Nimesh Patel  
Office: M3054 (Markin Hall)  
Office hours: By appointment  
Contact: Email: nimesh.patel@uleth.ca (Preferred)  
Phone: 403-329-2299  
Class time: Tuesdays and Thursdays, 1:40 pm - 2:55 pm  
Class location: Turcotte Hall TH201  
TA: TBA  

COURSE DESCRIPTION  
Epidemiology examines how disease is distributed in human populations, the factors that influence or determine that distribution, and actions that reduce disease burden. Epidemiology is a cornerstone for public health; it is the basic science of disease prevention. In this course you will learn the fundamental principles, concepts and methods of epidemiology, together with common applications for practice.  

LEARNING OBJECTIVES  
By the end of this course you will be able to:  
1. Identify and describe fundamental principles and concepts in epidemiology.  
2. Identify and describe basic epidemiologic measures and study designs.  
3. Describe common applications of epidemiology to the work of public health.  

COURSE MATERIALS  
- Supplemental Readings: Additional readings will be posted on Moodle as resources for students to expand and clarify concepts. Any supplemental readings that are required readings for the course will be labelled as such.  

METHOD OF ASSESSMENT  
<table>
<thead>
<tr>
<th>Assignment</th>
<th>% of Final Grade</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams/Quizzes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quiz 1</td>
<td>15</td>
<td>Jan 30 – Feb 1 (testing centre)</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>20</td>
<td>Feb 27</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>20</td>
<td>Mar 18 – Mar 20 (testing centre)</td>
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<tr>
<td>Final Exam</td>
<td>20</td>
<td>April 5</td>
</tr>
<tr>
<td>In-class Participation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classroom Attendance</td>
<td>10</td>
<td>Ongoing; variable</td>
</tr>
<tr>
<td>Group Assignments</td>
<td>15</td>
<td>Ongoing; variable</td>
</tr>
</tbody>
</table>

Exams/Quizzes:  
All exams and quizzes will be cumulative. Material presented by guest lectures will also be included as potential exam content. Students are expected to bring a calculator to all exams/quizzes as they will not be permitted to use the calculator functions on their cell phones or other devices. Format for exams and quizzes will be outlined by the instructor at the beginning of the semester. For in-class exams, students will not be permitted entry in the exam after 15 minutes of the start of the exam or any student leaves the classroom, whichever is earlier.
Classroom Attendance:
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.

Groups Assignments:
More details about group assignments will be given in the class.

CLASS SCHEDULE

• Classes will consist of 75-minute sessions, twice a week. Course instruction methods may include: lectures, guest lectures, group discussion, case reviews, videos, and Moodle resources. Students are expected to check Moodle regularly for required readings, resources, and the class schedule. Students are responsible for information provided through all formats.

• The class schedule will be regularly uploaded to Moodle. Students will be responsible for regularly checking Moodle.

• Due to a discrepancy in this year’s academic calendar, there are more than 12 weeks of classes scheduled for this course. We will plan for the last day of class to be Thursday, April 5th UNLESS there is the need to cancel a class mid-semester (e.g. due to instructor illness). In the case of a necessary cancellation mid-semester, we will continue to meet at the regularly scheduled time until the required 12 weeks has been met or until the last day of classes (April 14), whichever comes first.

COURSE POLICIES

• Makeup examinations: Only official documented medical emergencies (Doctor’s note is required) or family emergencies will be excusable reasons to miss an exam/oral presentation. If an exam is missed due to a documented emergency, the marks will be pro-rated over the other exams or the exam will be rescheduled.

• Conduct of Examinations: During tests, you are permitted to have a pen, calculator and nothing else. No cell phones or electronic devices will be permitted. Please see additional examination policies in the 2017/2018 University Calendar page 76 (https://www.uleth.ca/ross/sites/ross/files/imported/academic-calendar/2017-18/part04.pdf)

• Participation in the group projects is mandatory. Each group member may be asked to evaluate the participation of your fellow group members to ensure that everyone has contributed to the preparation and presentation. This is meant to keep you accountable to your group members. If there is a consensus within the group that someone has not contributed, then that group member will be penalized and will receive a lower grade than the other group members.

• Notify your instructor within 24 hours of a legitimate absence from class in relation to your participation mark or a scheduled assignment (supporting document may be requested). Rescheduling an assignment is at the discretion of the instructor.

• Student Conduct:
  • Use laptops and tablets for note-taking or course-related activities only. Please check email, watch movies, or access social media (e.g., Facebook, Twitter) outside of class time.
  • Cell phones and other similar devices must be turned off or set to silent/vibrate while in class. Do not take calls or send/receive text messages during class.
  • Earphones are not to be worn during lectures or exams.
  • Arrive to class/return from breaks on time and stay the entire class. If you are late, please enter the room as quietly as possible. If you must leave early, please let me know before class starts.
- Pay full attention to lectures, oral presentations, and in-class discussion. Please avoid interrupting your classmates when they are speaking.
- Any behavior that may disturb others (i.e., chatting) may result in a lower grade in the participation component of the evaluation of the course (see Method of Assessment).
- If you miss a class, you are responsible for material covered, announcements, or materials distributed. Please negotiate with a classmate to obtain the material you missed.

- **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.

### GRADING BREAKDOWN

The grading system for this course is consistent with that established in the Faculty of Health Sciences, effective May, 2002.

<table>
<thead>
<tr>
<th>Letter</th>
<th>GPA</th>
<th>Percent</th>
<th>Letter</th>
<th>GPA</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0</td>
<td>95 - 100%</td>
<td>C+</td>
<td>2.3</td>
<td>71 - 74.9%</td>
</tr>
<tr>
<td>A</td>
<td>4.0</td>
<td>91 - 94.9%</td>
<td>C</td>
<td>2.0</td>
<td>67 - 70.9%</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td>87 - 90.9%</td>
<td>C-</td>
<td>1.7</td>
<td>63 - 66.9%</td>
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<tr>
<td>B+</td>
<td>3.3</td>
<td>83 - 86.9%</td>
<td>D+</td>
<td>1.3</td>
<td>59 - 62.9%</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>79 - 82.9%</td>
<td>D</td>
<td>1.0</td>
<td>55 - 58.9%</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>75 - 78.9%</td>
<td>F</td>
<td>0</td>
<td>0 - 54.9%</td>
</tr>
</tbody>
</table>

### PLAGIARISM STATEMENT

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.

### COPYRIGHT STATEMENT

All University of Lethbridge students, faculty and staff must comply with Canadian law and institutional license agreements pertaining to copyright. At the same time, keeping abreast of our copyright obligations and options is a complex task as copyright matters locally and globally are in flux and are likely to remain so for at least the near future.

The University’s Copyright website (www.uleth.ca/copyright) is a source of current copyright information that includes:
- answers to common copyright questions (see the FAQs),
- guidance on whether you need permission or a license to copy a particular work (see the Copyright Permissions Flow Chart),
- guidance on assessing whether fair dealing may apply to specific instances of copying you wish to undertake (see the Guidelines for Copying under Fair Dealing), and
- a permissions look-up tool to help you determine the kinds of copying and other uses permitted by the Library’s license agreements covering specific online journals and other online resources.

You are encouraged to contact the University Copyright Advisor (copyright@uleth.ca) for assistance with any copyright questions or issues.

### ACCOMMODATIONS FOR STUDENTS WITH A DISABILITY

Reasonable accommodations are available for students who have a documented disability. If you have been diagnosed with a disability, there is no need to face the challenge of University without support. Please contact the Accommodated Learning Centre at 403-329-2766 to set up an appointment: https://www.uleth.ca/ross/accommodated-learning-centre/. After registering with the Accommodated Learning Centre, your instructor will be notified by a formal letter of any accommodations you require. In addition, students are responsible for requesting accommodations from the instructor at least *two weeks* in advance of the evaluation date. The instructor and student are jointly responsible for arranging the resources needed for the evaluation process.