

UNIVERSITY OF WINDSOR
Department of Mathematics and Statistics
MATH 1020 01 Mathematical Foundations
Winter 2025

Instructor	Justin Lariviere
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Office	9-107 Lambton Tower

Lectures	Monday, Wednesday, 8:30 AM - 9:20 AM. Erie Hall 1120.
Labs	Section 51: Friday, 1:30 PM - 3:20 PM. Chrysler Hall South 51. Section 52: Friday, 3:30 PM - 5:20 PM. Dillon Hall 264. Section 53: Thursday, 5:00 PM - 6:50 PM. Biology Building 121. Section 54: Thursday, 7:00 PM - 8:50 PM. Dillon Hall 265. Section 55: Wednesday, 5:00 PM - 6:50 PM. Memorial Hall 109. Section 56: Tuesday, 7:00 PM - 8:50 PM. TBA.
Office Hours	Thursday, 10:00 AM - 12:00 PM. 3125 Erie Hall.
Assistance	The Mathematics and Statistics Learning Centre is located in room 3125 Erie Hall. Free tutoring is offered for all first-year math and stats courses, Monday to Friday 12:00 PM-4:00 PM, starting January 23. No appointment is necessary.

Course Content	This course will cover mathematical logic, proof methods and development of proof techniques, mathematical induction, sets, equivalence relations, partial ordering relations and functions.
Webpage	https://brightspace.uwindsor.ca/

Textbook

Mathematical Foundations (2nd Edition). On-line access available at www.mathturtle.ca. To access the textbook:

1. Create an account at mathturtle.ca, using your uwindsor email address.
2. You will receive an email with a link to set up your password. Follow the link and choose a password.
3. Go to the on-line store and purchase either the six month on-line access to the textbook (\$25) or the six month on-line access to both the textbook and complete solutions manual (\$35).
4. After payment is processed (may take up to one day), you will be able to access the content in the Mathematical Foundations section of mathturtle.ca.

Prerequisites

One of COMP 1000, MATH 1250, or MATH 1260.

Evaluation

30% Midterm Test. Saturday, March 1. 11:00 AM - 12:20 PM.
30% Midterm Test. Saturday, March 22. 11:00 AM - 12:20 PM.
40% Final Examination.

Missed Evaluations

If you need to miss a test, you must inform the professor in writing in advance and provide a legitimate reason with documentation. There will be no make-up tests. Percentages for tests missed for legitimate reasons, accompanied with appropriate documentation, will be added to the Final Exam weight. You must provide a University of Windsor Student Medical Form if you miss a test or exam due to illness. The form is available here (see page 2): https://www.uwindsor.ca/academic-integrity/sites/uwindsor.ca/academic-integrity/files/medical_note_template.pdf The medical form must be completed by you and your physician on or before the day of the missed test or exam and must indicate that you are incapacitated on the day of the test or exam. A list of medical clinics accepting walk-in patients is available here: <https://medimap.ca/Location/Windsor> The list may not be up to date. It is your responsibility to call the clinics early enough to ensure that they can accommodate you and that their operational hours have not changed.

Academic Integrity

Students will be penalized and reported for cheating, including but not limited to speaking to other students, copying, offering unauthorized aid, cell phone possession, etc. Students who engage in any form of academic dishonesty will be subject to disciplinary action under Senate Bylaw 31: Student Affairs and Integrity. Sanctions vary with the offence and might include suspension or transcript notations. Students who think about cheating are urged to consider the potentially serious consequences of their actions such as the effects on one's ability to find a co-operative education placement or permanent employment upon graduation.