



Math 1271: Discrete Mathematics

Summer 2022

Instructor: TBA

Lectures: Tuesday and Friday, 10:00-12:00, Zoom

Office Hours:

Tuesday, 14:30 – 15:30

Friday, 14:00 – 15:00

Course Site :

This course has an online D2L site, which you access through MyInfo, via mycourselink. All information with regards to this course can be found on D2L and should be checked regularly. Class notes and other information will be posted on D2L periodically. Class notes are used concurrently with the lectures and will benefit you if printed and read prior to class.

Text: *A beginner's guide to discrete mathematics (2nd edition)*,
W.D. Wallis, Springer.

The e-book of this text can be downloaded in
our LibrarySearch: A beginner's guide to
discrete mathematics

Course Content:

The course will cover the main topics on basic number theory, set theory, Boolean algebra, relations, counting, probability, graph theory, matrices, and cryptography.

Assignments:

There will be 9 assignments, 8 of which need to be submitted. The lowest assignment mark of the 8 will be dropped. Late assignments will not be accepted under any circumstances. Valid excuses, such as illnesses with a doctor's note, will instead result in the mark being dropped. The problems and solutions to the assignments can be found on the course webpage.

Exams:

The midterm exam will be on D2L

13:00 - 14:30, Thursday, July 28, 2022

In the event that the student is absent for the midterm due to a valid documented excuse, the midterm mark will be dropped and the final exam will account for 80% of the final grade. Both midterm exam and final exam are closed book without notes or calculators.

Course Grade:

Assignments: 20%

Midterm exam: 25%

Final Exam 55%

Class Policies:

Attendance is not mandatory; however, it is strongly recommended that you attend. If you come to class, I would appreciate that you show up on time. Please turn off your phone while in class. Midterms and exams must be taken on the date assigned and there will be no books, calculators, cell phones, or other aids allowed during the exams. Cell phones or other electronic devices are not allowed to be on your person during midterms and exams, per university policy. If you miss the midterm for a legitimate reason which you can document (e.g. doctor's note), the weight of the midterm will be transferred to the final exam. There will be no make-up exams. The documented proof of absence should be provided to me, no later than 10 days after the exam was written

Accommodations:

Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit: <http://studentaccessibility.lakeheadu.ca>

Important Dates:

First Day of Classes	Monday, July 4, 2022
Final Day of Classes	Monday, August 15, 2022
Final Date to Register (Add)	Wednesday, July 6, 2022
Final Date to Withdraw (Drop)	Wednesday, July 27, 2022
Examination Period	Monday, August 15, 2022
Exam Contingency Date	Tuesday, August 16, 2022
Marks Due	Monday, August 22, 2022