

Mathematics 2320: Discrete Mathematics – Winter 2005

Slots: 05

Classrooms: SN 2105

Time: Lecture MTR 12:00 - 12:50 pm

Instructor: Dr. Margo Kondratieva

Email: mkondra@math.mun.ca

Office: HH-3008

Phone: 737-8074

web page: <http://www.math.mun.ca/mkondra>

Prerequisite: The prerequisites are Math-1001 and Math-2050.

Text and Course Outline:

The official text is Discrete Mathematics with Graph Theory by Edgar G. Goodaire and Michael M. Parmenter (2nd Edition). You are advised to read an appropriate section before starting doing your homework assignment.

We'll cover the most of the chapters 1-7 of the text: basic concepts of logic, sets, functions, binary relations including equivalence relations and partial orders, mathematical induction, basic principles of counting, permutations and combinations and the Binomial Theorem.

Getting Help:

There are few ways of getting help. First, I'll have **office hours from 2:00pm-3:30pm on Tuesdays and Thursdays**, so feel free to come to them. If you need to speak to me outside of those times please make an appointment. If you have a quick question or remark send me an e-mail. This also can be done via the new discussion board on my web page.

Marking Scheme:

There will be an assignment almost every week which I'll usually hand out on Wed. They'll usually be due a week later on Wed in class or assignment box before 4pm. Late assignments will not be accepted. The **assignments** will be worth *only 10%* of your final mark, *but doing them is extremely important for your understanding and success in the course!*

There will also be **midterm test** tentatively on Monday, **February 28**.

The test will be worth **30%** of your final mark.

The **final exam** will cover the entire course. It will be worth **60%** of your final mark.

Note: If you miss an assignment or term test for an acceptable reason, write me a note explaining the circumstances and I'll shift the weighting for the missed work to the final exam. Such notes should be submitted within a week of the missed event.

Missing the final exam is a much more serious matter. It can be deferred if you have three exams all scheduled within a 24 hour period, or if you suffer bereavement or serious medical problems. Deferrals must be officially applied for using forms that you can obtain from the General Office (HH-3003).

Calculators:

Graphing calculators such as the TI81,82,83,84,85,86 are allowed during tests and the final exam. However, calculators that can do symbolic manipulations such as the TI89, TI92, or HP48G are not allowed. If you use your calculator to store notes or formulas, you must delete this material before the start of any test, or exam. Bringing electronic notes into an exam is the equivalent of bringing in a cheat sheet, and will be dealt with in the same way (see MUN calendar).