COURSE OUTLINE

Instructor:
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Restriction
Not open to students who have taken or are taking MATH 223, MATH 133 or CEGEP objective 00UQ or equivalent. Open to Faculty of Management students only. Offered by the Faculty of Science. Students intending to pursue one of the major or minor concentrations in Mathematics and Statistics in the Faculty of Management should take MATH 133 instead.

Pre requisites
A high school course in functions.

Textbook
The designated textbook for this course is “Finite Mathematics and Calculus with Applications” (9th edition) by Lial, Greenwell and Ritchey. That being said, if you possess any other text covering all the material, you may not wish to buy the required text. In particular, any prior edition is more than satisfactory.

Syllabus

Course Content, as covered in Lial, Greenwell and Ritchey.
1. Algebra (Chapter R) (You should review this on your own, need be.)
2. Systems of linear equations and matrices (Chapter 2)
3. Linear programming (Chapters 3 and 4)
4. Mathematics of finance (Chapter 5)
5. Sets and probability (Chapter 7)
6. Counting (Chapter 8)
7. Statistics (Chapter 9)
8. More, if time permits.

Tutorials and Helpdesk
The course has a weekly tutorial, which you are already signed up for. You are expected to attend. The Departmental Helpdesk, located in BURN 911, is also available to you.

Assignments
There will be Webwork assignments. These are web-based assignments graded by the computer.

Exams
Nonprogrammable calculators are allowed. There will be 1 Midterm examination, details to be announced in class, as well as a 3 hour final exam during the final exam period. In accord with McGill University’s Charter of Students’ Rights, students in this course have the right to submit in English or in French any written work that is to be graded.
Marking scheme
Final mark = 10% assignment mark + 10% midterm mark + 80% final exam mark.

Academic integrity
McGill University values academic integrity. Therefore all students must understand the meaning and consequences of cheating, plagiarism and other academic offences under the Code of Student Conduct and Disciplinary Procedures (see http://www.mcgill.ca/students/srr/honest/ for more information).

In the event of extraordinary circumstances beyond the University’s control, the content and/or evaluation scheme in this course is subject to change.