## MAT 2L03: MATHEMATICAL METHODS FOR BUSINESS AND SOCIAL SCIENCES

## Winter 2016

Lectures: Tuesdays, Thursdays and Fridays from 11:30 am to 12:20 pm at Hamilton Hall 109.

Instructor: Prayat Poudel

Office: Hamilton Hall 407

Office Hours: Wednesdays from 1:00 to 2:30 pm, or by appointment via email.

Email: ppoudel@math.mcmaster.ca

Phone: (905) 525-9140 x 26079

Course Webpage: http://ms.mcmaster.ca/~ppoudel/Teaching/Win-16/2L03.html

Text: S. Waner, S. R. Costenoble, Finite Mathematics and Applied Calculus, 6th edition

**Course description:** The calculus of several variables, differential equations, and the following topics which use matrices: linear programming and Markov chains. We start with a review of differentiation and integration of functions of one variable.

## **Grading Policy:**

- 3 tests (worth 15% each): 45%
- Final exam: 55%

**Tests (Tentatively scheduled):** There are three tests during the term, all during class time in the class room (Hamilton Hall 109). Each test will last 45 minutes. The following are <u>TENTATIVE</u> test dates. The actual test date will be announced in class and on the course web site one week before the actual test.

- Test 1: January 29, 2016
- Test 2: February 26, 2016
- Test 3: March 18, 2016

**Important**: You **MUST** bring your student card to all tests and the final exam. If you do not bring it, your mark on that test or final exam will be zero.

Final examination: There will be a three-hour final exam in April during the examination period.

**Calculator:** ONLY the standard <u>Casio fx991</u> calculator is permitted on tests and the final examination. All other calculators are prohibited.

**Assignments:** There are no assignments to be handed in. Homework (NOT to be turned in) will be announced on the course website.

**Missed Tests:** If you miss a test due to illness, you can use the McMaster student absence form (MSAF) on-line, self-reporting tool; you MUST then contact the instructor by e-mail within 2 days to be eligible for a modified marking scheme. (There will be NO make-up test.) Information regarding missed term work can be found at

http://academiccalendars.romcmaster.ca/content.php?catoid=13&navoid=2208#Requests\_for\_ Relief\_for\_Missed\_Academic\_Term\_Work

Academic Dishonesty: Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on a test, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university. It is YOUR responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty, please refer to the

Academic Integrity Policy, located at http://www.mcmaster.ca/academicintegrity

## **Important Message**

The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.