

Math 1XX3 / Calculus for Math and Stats II

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Website: <https://ms.mcmaster.ca/courses/20172018/term2/math1xx3/>

Office hours TBA

Lectures: *The content of the lectures is the content of the course. You are expected to attend all lectures, and it is your responsibility to obtain lecture notes from a classmate in case of absence. A table recording each lecture's topic may be found on the course web page.*

Course Materials:

- **Calculus: Early transcendentals**, 8th edition, by James Stewart, Thomson Brooks/Cole. *The course will cover material selected from chapters 9-14, including: Differential Equations, Series, Parametric Equations and Polar coordinates, and Partial Derivatives.*
- **WebAssign.** *Students are required to have a WebAssign account in order to complete on-line assignments. An access code for WebAssign is provided with the bundled purchase of a new textbook at Titles. If you purchased a used textbook (or an unbundled new book elsewhere,) you must purchase a [WebAssign subscription](#). When purchasing WebAssign, choose the Lifetime of Edition, as you will also use WebAssign in Math 2X03 next year, at no extra cost. Our Class Key will be announced on my website as soon as we get one.*

Objectives: To learn and apply the ideas and techniques of differential and integral calculus to solve problems. Some stress will be placed on the underlying ideas and theoretical framework of the subject to prepare students for more advanced courses in mathematics and statistics.

Tutorials: *Tutorials begin on Tuesday January 9, 2018.*

T01	Tu	3:30 PM - 4:20 PM	BSB119
T02	Tu	8:30 AM - 9:20 AM	HH104
T03	Tu	12:30 PM - 1:20 PM	HH104

The tutorials are intended to provide additional examples to supplement the course material, and to provide additional opportunities for students to ask additional questions and seek help. Although attendance in tutorials is not mandatory, it is strongly encouraged.

Help? More personalized assistance can be obtained by coming to the **Math Drop-In Centre** on the first floor of Hamilton Hall. The hours will be:

Monday-Thursday: 2:30 pm - 8:30 pm, Friday: 2:30 pm - 6:30 pm

Assignments and Practice Problems: There will be periodic homework assignments, announced in class and on the website. Additional practice problems will be also be given, either via WebAssign or on the course webpage. The practice problems will not count towards your homework grade, but you will be responsible for their content on the tests and final exam. Homework and practice problems are drawn from the exercises in Stewart's text, but should be completed using WebAssign.

Marking Scheme:

- ✓ Three midterm tests $3 \times 16.67\% = 50\%$

- ✓ Final Examination 40%
- ✓ Maximum among {Midterm grades, Final Exam grade, WebAssign average}=10%

Alternative marking schemes may also be used, in which case your final grade will be given by the maximum mark obtained among all schemes considered.

Midterm Tests: There are 3 midterm tests, tentatively scheduled for the normal class time on

Tuesday February 6th, Monday March 5th and Tuesday March 27th

The topics covered will be announced in class and on the course web page. You MUST bring your student ID to all tests, or your mark will be zero.

Final Exam: A 3-hour final exam administered by the registrar will cover all course material. The date, time, and location will be announced by the registrar's office sometime later in the term.

Calculators: Only the standard Casio fx 991 calculator is permitted during midterm tests and the final exam. (You may use any calculating device your heart desires for homework and studying.)

Excused Absences: Students seeking an exemption for an assignment, project or mid-term test must contact the office of the Associate Dean (Studies) of their Faculty within a week after the due or test date with proper documentation, e.g., a doctor's note. I will act on the exemption only after receiving official communication from the relevant Associate Dean's office that the grounds for exemption have been accepted. Deferrals for the final exam are handled exclusively by the Associate Dean's office. The percentages for exempted tests will be transferred to the final exam.

The following information concerns the on-line MSAF absence reporting tool:

For absences from classes lasting up to 3 days: Using the McMaster student absence form (**MSAF**) on-line, self-reporting tool, **undergraduate students** may report absences lasting up to 3 days and may also request relief for missed academic work. The submission of medical or other types of supporting documentation is normally not required. Students may use this tool to submit a maximum of one request for relief of missed academic work per term. Students must immediately follow up with their course instructors regarding the nature of the relief. Failure to do so may negate the opportunity for relief. It is the prerogative of the instructor of the course to determine the appropriate relief for missed term work in his/her course.

For absences from classes lasting more than three days:

Students who are absent more than three days cannot use the on-line, self-reporting tool to request relief. They **MUST** report to their Faculty Office to discuss their situation and may be required to provide appropriate supporting documentation. If warranted, students will be approved to use a discretionary version of the MSAF on-line, self-reporting tool.

Ethics: 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 an assignment, 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 a academic dishonesty please refer to the Academic Integrity Policy:

<http://www.mcmaster.ca/univsec/policy/AcademicIntegrity.pdf>

specifically Appendix 3. The following illustrates only three forms of academic dishonesty:

1. Plagiarism, e.g., the submission of work that is not one's own or which has been used for other credit.
2. Improper collaboration in group work.
3. Copying or using unauthorized aids in tests and examinations.

Disclaimer: 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.