Math 1M03 (15/16) Course Outline

Table of Contents

Course Home Page

- The course home page is NOT on Avenue to Learn. It is accessible from the link at the following web site:
  http://ms.mcmaster.ca/childsa/childs.html

Course Description

- **Course Title:** Math 1M03 - Calculus for Business, Humanities, and the Social Sciences
- **Class Times and Locations:** See the registrar's web site (Select MATH-MATHEMATICS as the subject, and then press "Find". Then press "Search Results Timetable")

Section 1 (C01) Instructor Information

- **Name:** Aaron Childs
- **email:** childsa@mcmaster.ca
- **Office Location:** HH/213
- **Office Hours:** Click here

Section 2 (C02) Instructor Information

- **Name:** Matthieu Marbac
- **email:** marbacm@math.mcmaster.ca
- **Office Location:** HH/204
- **Office Hours:** Tuesday 10:30am-11:30am and Friday 10:30am-11:30am, or by appointment (email).

Section 3 (C03) Instructor Information

- **Name:** Zipeng Wang
- **email:** zpwang@math.mcmaster.ca
- **Office Location:** HH/311
- **Office Hours:** TBA

Textbook

- **Required:**
  -*Applied Calculus for Business, Economics, and the Social and Life Sciences*, Canadian Edition, Hoffman, Bradley, and Miners, McGraw-Hill 978-0-07-068717-2
  An e-book edition is available at http://www.coursesmart.com/ but not at the bookstore. (ISBN 0071055819). Note however that the e-book is a 180-day limited licence, so you will not have access after the current course is completed. .
- A copy of the textbook is available on reserve in Thode Library.

Material Covered
- All Sections covered in the Suggested Problems
- **Major Topics:** Exponential and Logarithmic Functions, Integration, Calculus of Several Variables, Differential Equations, Probability, and applications

Assignment Information
- There will be 9 online assignments. See the calendar for due dates.

Test Information
- Only the McMaster standard calculator Casio fx-991 is allowed on the tests and exam
- Some sample tests are available on the Suggested Problems pages
- **Tentative Dates** (subject to change):
  Test #1: Evening of Wednesday January 27th (75 minutes)
  Test #2: Evening of Wednesday February 24th (75 minutes)
  Test #3: Evening of Wednesday March 23rd (75 minutes)
- Check the Announcements part of the course web site for room and time information, and for instructions on what to do if you have a conflict with the test time

Course Evaluation
 9 Assignments - 2% each
 3 Tests - 14% each
 Final Exam - 40%
Notes:
- At the end of the course the grades may be adjusted, but this can only increase your grade and will be done uniformly. We will use the grade equivalence chart published in the Undergraduate Calendar to convert between percentages and letter grades.
- 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.

Missed Work Policy
- If you are absent from the university for a minor medical reason, lasting fewer than 3 days, you may report your absence, once per term, without documentation, using the McMaster Student Absence Form. Absences for a longer duration or for other reasons must be reported to your Faculty/Program office, with documentation, and relief from term work may not necessarily be granted. When using the MSAF, report your absence to childsa@mcmaster.ca. Please note that the MSAF may not be used for term work worth 25% or more, nor can it be used for the final examination. For more information look

[here](.).
- If your MSAF form was received then the word "note" will appear in place of your mark on the online system. This will show up within one week after you filled out the MSAF form. If you don't see the word "note" in place of your mark for the missed work one week after filling out the MSAF form, then send an email to Dr. Childs telling him the date that you filled out the MSAF form. If you do see the word "note" in place of your mark, then no follow-up is required.
- The perentage for a missed test will be added to your final exam.
- The percentage for a missed assignment or lab will be distributed among your remaining assignments or labs.

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 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 academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at http://www.mcmaster.ca/policy/Students-AcademicStudies/AcademicIntegrity.pdf The following illustrates only three forms of academic dishonesty: 1. Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained. 2. Improper collaboration in group work. 3. Copying or using unauthorized aids in tests and examinations.

Back to the Math 1M03 Information Page