Math 1NN3 (07/08) Course Outline

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Changes from Math 1N03 Last Term

- The McMaster standard calculator Casio fx-991 is allowed on Tests 2,3, and 4 (but is **NOT** allowed on Test 1).
- All tests will be written on **Wednesdays**

Course Home Page

- The course home page is NOT on WebCT. It is accessible from the link at the following web site: http://www.math.mcmaster.ca/childsa/childs.html

Tutorials and TA's

- Tutorials start on Monday January 14
- **Registration for or changing a tutorial or a section** must be done on Solar
- Tutorial times and locations can be found on the registrar's web site (Select MATH-MATHEMATICS as the subject, and then press "Find". Then press "Search Results Timetable")
- All other information about TAs and tutorials can be found on the TA Information Page

Course Description

- **Course Title:** Math 1NN3 - Calculus for Engineering II
- **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:** Mudassar Imran
- **email:** mimran@math.mcmaster.ca
- **Office Location:** HH/423
- **Office Hours:**Wednesday and Thursday 12:00pm-1:10 pm, or by appointment
- **Phone:** Ext. 27365

Section 2 (C02) Instructor Information

- **Name:** Slavek Kovarik
- **email:** kovarik@mcmaster.ca
- **Office Location:** HH/425
- **Office Hours:** Wednesday, Friday 2:30pm-3:30pm or by appointment - e-mail preferred

- **Phone:** 23408

Section 3 (C03) Instructor Information
- **Name:** Aaron Childs
- **email:** childsa@mcmaster.ca
- **Office Location:** HH/213
- **Office Hours:** Monday 2:30pm-3:20pm (except Mar. 17), Tuesday 1:30pm-2:20pm, Wednesday 12:30pm-1:20pm, Thursday 1:30pm-2:20pm, Friday 1:30pm-2:20pm
- **Phone:** Ext. 23426

Section 4 (C04) Instructor Information
- **Name:** Alexander Lange
- **email:** alange@math.mcmaster.ca
- **Office Location:** HH/414
- **Office Hours:** Tuesday, Thursday, and Friday 10:30am-11:20am.
- **Phone:** Ext. 26056

Textbook
- **Required:** *Calculus, Early Transcendentals, 6th Edition*, James Stewart, Brooks/Cole
- **Optional:** Student Solutions Manual for Stewart's Single Variable Calculus: Early Transcendentals:

Custom Edition with Partial Derivatives, McMaster University

- **Note:** There are two volumes to the solutions manual. The first volume (single variable calculus) has solutions to Chapters 1-11. The second volume (multivariable calculus) has solutions to Chapters 12-17. The **custom edition** of the solutions manual (sold only at the McMaster Bookstore) is one volume which contains material from both of these manuals and covers all of the sections that will be done in Math 1NN3 (except for solutions for Sections 15.1, 15.2, 15.3, and 17.1 which will be posted on the Math 1NN3 course web site). Therefore if you buy the solutions manual elsewhere, two volumes will have to be purchased in order to have solutions for all of the sections covered in Math 1NN3.
- A copy of the textbook and solutions manual are available on reserve in Thode Library
- **Note:** The previous (5th) edition of the textbook cannot be used unless you have access to the exercises in the 6th Edition, the answers and solutions manual for the 6th Edition (optional), and you know and understand the correspondence of sections between the 6th and 5th Edition (described on page xii of the 6th Edition)

Material Covered
- All Sections covered in the Suggested Problems
- **Major Topics:** Techniques of integration, infinite sequences and series, differential equations, functions of several variables, double integrals

Course Evaluation
- Your final mark will be calculated using the following scheme:
  4 Tests - 15% each
  Final Exam - 40%

Notes:
- If any of the tests are missed because of a family matter or illness you should contact your Associate Dean WITHIN 48 HOURS of the missed work with the appropriate documentation. In this case, an appropriate allowance will be made to account for the missed work.

Information about Tests
- Tests are 75 minutes long, and will be held in the evenings on the dates given below
- The McMaster standard calculator Casio fx-991 is allowed on Tests 2,3, and 4 (but is **NOT** allowed on Test 1).

- Some sample tests are available on the Suggested Problems pages
- **Test Dates:**
  Evening of Wednesday January 30th (Calculators **NOT** allowed)
  Evening of Wednesday February 27th (Calculators are allowed)
  Evening of Wednesday March 19th (Calculators are allowed)
  Evening of Wednesday April 2nd (Calculators are allowed)
- 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

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/senate/academic/ac_integrity.htm 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.

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