Math 1H03 (06/07) Course Outline

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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 September 18th
- To **register for a tutorial or a section**, or **to change tutorials or sections** follow the procedure given here: http://www.math.mcmaster.ca/courses/changes.php
- 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 1H03 - Linear Algebra for Engineering
- **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:** Monday 2:30pm-3:20pm, Tuesday 1:30pm-2:20pm, Wednesday 10:30am-11:20am, Thursday 11:30am-12:20pm, Friday 1:30pm-2:20pm
- **Phone:** Ext. 23426

Section 2 (C02) Instructor Information

- **Name:** Oliver Diaz-Espinosa
- **email:** odiaz@math.mcmaster.ca
- **Office Location:** HH/417
- **Office Hours:** Wednesday and Thursday 2:00pm-3:00pm or by appointment
- **Phone:** Ext. 27112

Section 3 (C03) Instructor Information

- **Name:** Hee Jung Kim

- **email:** hjkim@math.mcmaster.ca
- **Office Location:** HH/311
- **Office Hours:** Wednesday and Friday 4:30pm-5:30pm
- **Phone:** Ext. 27104

Textbook
- **Required:** *Linear Algebra with Applications, 5th Edition OR 4th Edition*, Nicholson, McGraw-Hill
- **Optional:** Student Solutions Manual, for *Linear Algebra with Applications*, McGraw-Hill

Note: A copy of the textbook and solutions manual are available on reserve in Thode Library

Material Covered
- All Sections covered in the suggested problems
- **Major Topics:** Systems of linear equations, matrix algebra, determinants and diagonalization, vector geometry, vector spaces, orthogonality, complex numbers

Test Information
- Tests are 75 minutes long, and will be held in the evenings on the dates given below
- Calculators are NOT allowed on the tests or final exam
- Some sample tests are available on the Suggested Problems pages
- You will have to show and prove things (as in the suggested problems and sample tests), but you will not be required to reproduce proofs of theorems from the textbook, or give definitions.
- **Test Dates:**
  Evening of Thursday October 12th
  Evening of Thursday October 26th
  Evening of Thursday November 9th
  Evening of Thursday November 23rd
- 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
- **Your final mark will be calculated as follows:**
  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 ONE WEEK of the missed work with the appropriate documentation. In this case, the percentage for the missed test will be added to your final exam.

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.