

Stats 2B03 (Fall 2009) 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/childs/childs.html>

Labs and TA's

- Labs start on Monday September 14th
- You must bring the Assignment/Lab manual, as well as a USB drive with you to the labs
- Attendance is optional. If you can do the assignment/labs on your own, have access to Minitab, and do not need the help of a TA then you don't have to go to the scheduled lab times. However, marked assignment/labs will be returned in the labs. So going to the labs will be the only way to get your marked assignment/labs back.
- Information about your TAs can be found on the [TA Information Page](#)

Assignment/Lab Manual

- The Assignment/Lab Manual is required, and is available at the bookstore
- **All assignment/labs, suggested problems, practice tests, and the course calendar (with assignment due dates and test dates) are in the Assignment/Lab manual**
- You must bring the Assignment/Lab manual with you to the labs

Software

- Minitab Release 14 (older versions can also be used)
- Minitab is available in the campus computer labs
- Minitab can be purchased packaged together with the textbook (if you want to use Minitab at home)

Textbook

- **Required:** *Biostatistics - A Foundation for Analysis in the Health Sciences*, **Eighth or Ninth** Edition, Daniel, Wiley. It doesn't matter which edition you use.
- **Note:** You can buy the textbook packaged together with Minitab (if you want to use Minitab at home), or you can buy just the textbook itself (and use Minitab in the campus computer labs)
- **Optional:** Student Solutions Manual

Note: A copy of the textbook and solutions manuals are available on reserve in Thode Library. (The Assignment/Lab manual is NOT available on reserve in Thode.)

Section 1 (C01) Instructor Information

- **Name:** [Aaron Childs](#)
- **email:** childs@mcmaster.ca
- **Office Location:** HH/213
- **Office Hours:** Click [here](#)

Section 2 (C02) Instructor Information

- **Name:** [Rong Zhu](#)
- **email:** rzhu@math.mcmaster.ca
- **Office Location:** HH/208
- **Office Hours:** Thursday 10:30am-11:20am and 3:30pm-4:20pm, Friday 10:30am-11:20am and 3:30pm-4:20pm, and by appointment

Calculator and Formula Sheet Policy

- Only the McMaster Standard Calculator Casio fx-991 is allowed on the the tests and exam
- The 2 page formula sheet from the front of the Assignment/Lab manual will be provided with the tests and exam.

Material Covered

- All Sections given in the course calendar (page 1 of the Assignment/Lab manual)
- **Major Topics:** Describing data, graphical representations of data, probability, confidence intervals, hypothesis testing, one-way ANOVA, analysis of categorical data, regression and correlation

Course Evaluation

- 5 Assignment/Labs - 15% (3% each)
- 2 Tests - 40% (20% each)
- Final exam - 45%

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.
- If any of the assignment/labs or 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 the event of an exemption, no makeup test/assignment will be given but the course grade will be re-weighted by increasing the weight of the final examination to compensate for the missed test/assignment.
- 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.

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/univsec/policy/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.

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