Syllabus
Psychology B07: Data Analysis in Psychology

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Classes are Tues (1-2 pm), Thurs (1-3 pm),and Fri (1-2 pm) in room S 309.

General Course Overview

This course provides an introduction to many of the statistical procedures used to address psychological issues. I will try my best to explain the situations in which certain tests are appropriate and we will go through the tests at both a conceptual and a numerical level.

In addition to attending classes at the times specified above, you are encouraged to attend one tutorial per week. A listing of the TAs along with their tutorial and office hour information is provided in the table below.

You will not be **required** to use computers in this class but you will be **encouraged** to. Most psychologists rely heavily on statistical software when performing their analyses and you could use the same software to check over your homework assignments before handing them in.

My lecture overheads will be put on reserve in the library in two parts. The first part will cover chapters 1 through 5, and it should be available in the library now. Just ask for the Psychology B07 course notes. The second part will cover chapters 6 through 10 and will be put on reserve shortly after the first midterm. In addition, the information from these overheads are also available on the website described at the end of the syllabus. Remember, only really evil people steal from the reserve material.

Teaching Assistants	Tutorial Time	Office Hours
Tom Spalek	Tues, 11 am in R3230	Fri, 9 am in 567B
Bruce Oddson	Tues, 11 am in S358	Tues, 12 pm in S567B
Andrew Weeks	Wed, 1 pm in R2512	
Bruce Oddson	Thur, 10 am in H408	Thur, 11am in S567B
Ken Seergobin	Thur, 10 am in H309	

Textbook

The Textbook we will be using for the course is the third edition of Statistical Methods for Psychology authored by David C. Howell (4th Edition). We will be covering Chapters 1 through 10 (if all goes according to plan). Note that this is a relatively new edition of the text. Previous editions of the text can also be used although I leave it to the student to identify and compensate for any changes that have occurred across editions.

Evaluation

Your mark in this course will be determined on the basis of a final exam (50%), a midterm exam (40%), and dreaded pop quizzes (10%).

The Final Exam will be heavily focused on the chapters covered since the midterm though it may include some questions from the earlier chapters.

The Midterm Exam is scheduled for . This is a couple of weeks prior to the drop date to insure that you know your midterm mark as well as your marks on some quizzes prior to the drop date.

There will be 6 pop quizzes with only your best five counting towards your grade. Note that missing classes is not a good idea because these quizzes cannot be made up. In fact, the primary purpose of the quizzes is to encourage you to show up for class, read the chapters we are discussing, and ask questions during class if there is something you don't understand.

Calculator

You should purchase a scientific calculator for use in this course. Make sure that, at the very least, the calculator has a button for calculating square roots. Note that "programmable calculators" are not allowed! General rule, if the calculator cost you more than $30, it is probably too fancy. If you are in doubt about a specific calculator, ask me about it

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The "Fairness" Clause

I strongly believe that every student in the class should be evaluated in an identical manner. In order to insure this I must lay down certain ground rules that attempt to prevent any student from gaining any form of special treatment.

I. I **do not** give out any marks other than rounding up to the nearest integer. If you end up being one mark away from the next highest letter grade, then that is where you'll stay.

II. Midterms and Final Exams can only be missed for extreme reasons and formal documentation explaining your absence is required and will be checked up on.

III. My office hours are meant to assist students who are having difficulties with the course despite regular class attendance. I **will not** spend office hours re-teaching a class to a student who chose not to attend that class.

I realize that these rules make me seem a bit authoritarian. I'm sure you'll soon see that I am actually quite easy going and, hopefully, easy to communicate with. The above rules are only meant to keep all of the students on an equal footing. And I should stress that if you do have a valid reason for missing either exams or classes, I am open to discussing possibilities with you. It's just very important that the reasons be valid.

The B07 Homepage

For those net-surfers out there, I have created a homepage devoted to this course. The home page can be accessed using any browser (e.g., Netscape, Mosaic, etc...) by going to:

http://psych.utoronto.ca/~joordens/courses/PsyB07

The homepage includes this syllabus (for those of you with a tendency to lose paper), a course description, a cyber-question-box, and will show you your marks to date in the class. In addition, it contains a link to an extremely valuable webpage called the "Howell'ing at Statistics" page. The "Howell'ing" page contains copies of my course overheads and a link to a mathematics refresher page. It also has links to other potentially useful pages (including one maintained by the David Howell) and will soon include a tutorial for using software packages to do statistics.

Given all these resources, it is worth the effort to become comfortable on the net. For those of you who haven't yet surfed, now is a good time to get your feet wet (Sorry, couldn't resist).
