

**YORK UNIVERSITY  
FACULTY OF HEALTH  
PSYCHOLOGY 2022 3.0 B: STATISTICAL METHODS II  
FALL 2014**

**WENDENS DAYS 14:30 – 17:30**

**CLH E**

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| <b>Course Director:</b><br>Dr. Agnieszka Kopinska<br><b>Office Hour:</b> Wednesdays 17:30<br><b>Office:</b> 251 BSB | <b>TA:</b> Mariela Giuliano<br><b>Office:</b> BSB 402<br><b>E-mail:</b> mariela@yorku.ca<br><b>TA:</b> Heather Falikowski<br><b>Office:</b><br><b>E-mail:</b> hfalikow@yorku.ca |
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Text: Gravetter, F.J., & Wallnau, L.B. *Statistics for the Behavioral Sciences* (9th ed.).  
Wait with your purchase until the first class  
Mindtap (Aplia): <http://login.nelsonbrain.com/course/MTPP-RGKP-PWG7>  
Web Site: [http://kopinska.apps01.yorku.ca/\\_2022B2014F.html](http://kopinska.apps01.yorku.ca/_2022B2014F.html) password: ak2022  
Facebook: Psyc2022B2014F <https://www.facebook.com/Psyc2022B2014F>

|     | <b>DATE</b> | <b>TOPIC</b>  | <b>CH</b> |
|-----|-------------|---|-----------|
| Sep | 10          | Orientation<br>First class is <b>MANDATORY</b>  |           |
|     | 17          | Review  | 9         |
|     | 24          | t-Test for Independent Samples  | 10        |
| Oct | 1           | t-Test Related Samples  | 11        |
|     | 8           | ANOVA   | 12        |
|     | 15          | Repeated-Measures ANOVA   | 13        |
|     | 22          | <b>EXAM I</b>   |           |
|     | 29          | <i>no class: Curricular days</i>  |           |
| Nov | 5           | Two-Factor ANOVA  | 14        |
|     | 7           | <i>Last date to drop course without receiving grade</i>   |           |
|     | 12          | Correlation   | 15        |
|     | 19          | Regression  | 16        |
|     | 26          | Chi-Square Test and Binomial Test   | 17 & 18   |
| Dec | 3           | Nonparametric Approaches to Data  | 19 & E    |
|     | 9-22        | <b>FINAL EXAM:</b> check <a href="http://www.yorku.ca">www.yorku.ca</a> for schedule<br><b>TRIPS ARE NOT A VALID EXCUSE</b> |           |

**Course Description:**

A continuation of the study of fundamental concepts and techniques of descriptive and inferential statistics. Topics include correlation, regression, analysis of variance and non-parametric statistics. Prerequisite: One of AK/AS/HH/SC/PSYC 2021 3.00, AK/HH/PSYC 2510 3.00, AS/ECON 2500 3.00, AS/HH/SC/KINE 2050 3.00, AK/AS/SC/MATH 2560 3.00. Prerequisite or corequisite: AK/AS/HH/SC/PSYC 1010 6.00 or AK/HH/PSYC 2410 6.00, GL/PSYC 2510 6.00, with a minimum grade of C when used as a prerequisite. Course credit exclusions: AK/AS/HH/SC/PSYC 2020 6.00, AK/PSYC 3110 3.00 (prior to Summer 2002), AK/ECON 3480 3.00, AS/ECON 3500 3.00, AS/HH/SC/KINE 3150 3.00, AK/AS/SC/MATH 2570 3.00, AS/POLS 3300 6.00, AS/SOCI 3030 6.00. Note: SC/BIOL 2060 3.00, SC/BIOL 3090 3.00, or AS/SC/MATH 2500 3.00 may not be substituted for AK/AS/SCPSYC 2022 3.00 for major or minor credit in psychology.

## **Evaluation:**

As indicated on the schedule, there will be two exams based on assigned readings, lectures and videos/talks counting for 32% and 40% (cumulative final), Aplia quizzes worth 12% total (optional), and 16% for in-class testing (clickers).

In addition to your calculator, writing tools, and two pieces of ID, you will be allowed two sides of 4" X 5" card on which you may put anything you consider to be useful. You will be provided with the tables but not the formulae.

Grading: Grades are not negotiable. There will be no extra assignments. The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). (For a full description of York grading system see the York University Undergraduate Calendar [http://calendars.registrar.yorku.ca/pdfs/ug2004cal/calug04\\_5\\_acadinfo.pdf](http://calendars.registrar.yorku.ca/pdfs/ug2004cal/calug04_5_acadinfo.pdf))

**Aplia Quizzes:** There will be an Aplia quiz(es) for each lecture. You will be allowed to take each quiz question three times and the average ('do no harm') will be used for the computation of your Aplia component of the grade. The deadline for each quiz will be set at 11:45pm the day after the lecture and no extensions will be granted. See the course website for more information about Aplia. You are strongly encouraged to read and attempt each question before the class – there will be clicker questions based on Aplia questions during each lecture.

**Clickers:** The clickers NEED to be purchased and REGISTERED one day before the second lecture. For more information about clicker purchase and registration go to <http://www.yorku.ca/prs/students/index.htm>

## **POLICY ON MISSED EXAMINATIONS**

1. Within 48 hours of the missed test or examination, students must contact the instructor either in-person or by telephone or by e-mail. If you do not speak to the instructor directly, you must leave a message with her secretary. Be sure to clearly state your name, student number, course and a number/time at which you can be reached. In the case of a missed test the student will be required to write a make-up test.

Only **ONE** make-up test is allowed in the course, any other missed tests will stand at the value of zero.

2. Appropriate documentation verifying the circumstances for the missed test or examination must be provided prior to or at the time specified by the instructor. Failure to provide appropriate documentation will result in a grade of 0 on the missed test.

A. Tests or examinations missed on the grounds of medical circumstances must be supported by the [Attending Physician's Statement](#). This is the **ONLY** form of medical documentation acceptable in this course. A "doctor's note" is NOT sufficient.

B. Tests or examinations missed on grounds of non-medical circumstances must be supported by appropriate documentation, i.e., death certificates, obituary notice, automobile accident reports, airline/train/bus tickets/receipt for emergency travel, etc.

## **IMPORTANT COURSE INFORMATION FOR STUDENTS**

All students are expected to familiarize themselves with the following information:

- [Senate Policy on Academic Honesty and the Academic Integrity Website](#)
- [Ethics Review Process for research involving human participants](#)
- [Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities](#)
- Religious Observance Accommodation

Students, who because of religious commitment cannot meet academic obligations, are responsible for giving their instructor reasonable notice (not less than 14 days) of each conflict **BEFORE THE TEST or DUE DATE**.