YORK UNIVERSITY
FACULTY OF HEALTH
PSYCHOLOGY 2022 3.0 A: STATISTICAL METHODS II
Summer 2012

MONDAYS & WENDENSAYS 19:00 – 21:00

Course Director: Dr. Agnieszka Kopinska
Office Hour: by appointment only
Office: 251 BSB
E-mail: kopinska@yorku.ca

Text: Gravetter, F.J., & Wallnau, L.B. Statistics for the Behavioral Sciences (9th ed.).

Web Site: http://www.psych.yorku.ca/kopinska/

DATE TOPIC CH
June M 25 Orientation and Review (Introduction to SPSS) 9 & D
First class is MANDATORY
July W 27 t-Test for Independent and Related Samples 10 & 11
M 2 no class: Canada Day
W 4 ANOVA 12
M 9 Repeated-Measures ANOVA 13
W 11 Review
M 16 EXAM I
W 18 Two-Factor ANOVA 14
20 Last date to drop course without receiving grade
M 23 Correlation & Regression 15 & 16
W 25 Chi-Square Test and Binomial Test 17 & 18
Aug. M 30 Nonparametric Approaches to Data 19 & E
W 1 Review
7-17 FINAL EXAM: check www.yorku.ca for schedule

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/HF/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 equally weighted exams counting for 80%, Aplia quizzes worth 10% total and 10% 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)

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.
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 an Attending Physician’s Statement. The Attending Physician’s Statement must include (I) the full name, mailing address and telephone number of the Physician, (ii) state the nature of the illness and its duration and (iii) an indication of whether the illness and/or education prescribed would have SERIOUSLY affected the student’s ability to study and perform over the period in question, not just that they were seen by the doctor.
   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.
3. In the case of a missed test the student will be required to write a make-up test.

Aplia Quizzes: There will be an Aplia quiz(es) for each lecture. You will be allowed to take each quiz question three times and your 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 up for the midnight the day after the lecture. 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 at the beginning of each lecture.

Clickers: The clickers need to be 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

IMPORTANT COURSE INFORMATION FOR STUDENTS
All students are expected to familiarize themselves with the following information, available on the Senate Committee on Curriculum & Academic Standards webpage (see Reports, Initiatives, Documents) - http://www.yorku.ca/secretariat/senate_cce_main_pages/ccas.htm
• York’s Academic Honesty Policy and Procedures/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
• Student Conduct Standards
• Religious Observance Accommodation
Please read the information on plagiarism and academic dishonesty: http://www.yorku.ca/secretariat/policies/document.php?document=69