

YORK UNIVERSITY
FACULTY OF HEALTH
PSYCHOLOGY 2022 3.0 M: STATISTICAL METHODS II
FALL 2012

FRIDAY 8:30 – 11:30

CSE B

Course Director: Dr. Agnieszka Kopinska Office Hour: by appointment only Office: 251 BSB E-mail: kopinska@yorku.ca Secretary: Agnes Levstik 281BSB	TAs: Gabrielle Page Office: 019 BSB E-mail: gpage@yorku.ca	Ashley Morgan 067 BSB amorgan@yorku.ca
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Text: Gravetter, F.J. and Wallnau, L.B. (2009). Statistics for the Behavioral Sciences, 8th ed., Wadsworth, Cengage Learning.
 Web Site: <http://www.psych.yorku.ca/kopinska/>

DATE	TOPIC	CH
Jan. 6	Orientation, Review and Introduction to SPSS	
13	t-Test for Independent Samples	10 & 12
20	t-Test for Related Samples	11 & 12
27	ANOVA	13
Feb. 3	Repeated-Measures ANOVA	14
10	Review / SPSS	
17	EXAM I / Assignment I	
24	<i>Reading Week</i>	
Mar. 2	Two-Factor ANOVA	15
9	<i>Last date to drop course without receiving grade</i>	
9	Correlation & Regression	16 & 17
16	Categorical Data and Chi-Square Test	18
23	Binomial Test and Nonparametric Approaches to Data	19 & 20
30	Review / SPSS	
Apr. 4-20	FINAL EXAM: check www.yorku.ca for schedule Assignment II	

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 counting for 76% (first 36% and second 40%), two assignments worth a total of 16% (8% each) of your final mark, and Aplia quizzes worth 8% total.

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.

Grading: 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 8 Aplia quizzes you are expected to write during the term, one each week. You will be allowed to take each quiz twice and higher of the two grades will be used for the computation of your grade. The deadline for the first attempt will be set before the lecture on the given topic and the deadline for the second attempt will be 2 days after the lecture. See the course website for information about Aplia.

Assignments: The assignments will be given out in class to be handed in on the day of the next exam. **Students are responsible for keeping a copy (electronic or photocopy) of all the submitted work. Late work will lose 10% for the first day and 5% for any subsequent day (out of its total value) per working day late.** It is also student's responsibility to sign the assignment submission sheet. Feel free to discuss the assignments with your classmates, but the actual work must be done independently. Please read the information on plagiarism and academic dishonesty: <http://www.yorku.ca/secretariat/policies/document.php?document=69>

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_cte_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