

YORK UNIVERSITY
FACULTY OF ARTS
PSYCHOLOGY 2020 6.0 F: STATISTICAL METHODS I AND II
2011-2012

THURSDAY 14:30 – 17:30

ACE 007

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

TA: Saeid Chavoshi
Office: 067 BSB (by appointment)
E-mail: chavoshi@yorku.ca

Secretary: Agnes Levstik 281 BSB

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	CHAPTER
Sept.	8	Orientation, Introduction to SPSS	1 & A
	15	Frequency Distributions & Math Review	2
	22	Central Tendency and Variability	3 & 4
	29	Standard Normal Distribution / Probability	5 & 6
Oct.	6	Review / SPSS	
	13	<i>Reading Week</i>	
	20	TEST I / Assignment I	
	27	Statistical Inference: Sampling Distributions	7
Nov.	3	Hypothesis Testing: Basics	8
	10	Testing Hypothesis about Means	
	17	Power and Effect Size / One Sample t-Test	9
	24	t-Test for Independent Samples	10
Dec.	1	Review / SPSS	
Jan.	5	TEST II / Assignment II	
	12	t-Test for Related Samples	11
	19	Estimation	12
	26	ANOVA	13
Feb.	2	Repeated-Measures ANOVA	14
	9	Two-Factor ANOVA	15
	10	<i>Last date to drop course without receiving grade</i>	
	16	Review / SPSS	
	23	<i>Reading Week</i>	
Mar.	1	TEST III / Assignment III	
	8	Correlation & Regression	16 & 17
	15	Categorical Data and Chi-Square Test	18
	22	Nonparametric Approaches to Data	20
	29	Review / SPSS	
Apr.	4-20	FINAL TEST: check www.yorku.ca for schedule Assignment IV	

Prerequisite or corequisite: AK/AS/HH/SC/PSYC 1010 6.00 or AK/HH/PSYC 2410 6.00, with a minimum grade of C; AK/AS/HH/SC/PSYC 2030 3.00 or AK/HH/PSYC 2530 3.00; AK/AS/HH/SC/PSYC 2020 6.00 (or equivalent).

Course credit exclusions: AK/PSYC 4700 3.00 (prior to S 2002), AK/PSYC 4800 6.00 (prior to S 2002), AK/AS/HH/SC/PSYC 4000 6.00, GL/PSYC 4000 6.00.

Evaluation: As indicated on the schedule, there will be four tests counting for 80% (20% each) and four assignments worth a total of 20% (5% each) of your final mark.

For test 2, 3 & 4 (in addition to your calculator, writing tools, and two pieces of ID) you will be allowed two sites 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.

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