York University, Faculty of Health
Psychology 2020 6.0D (Statistical Methods I and II)
Fall/Winter 2015-2016; Wednesday 11:30-2:30 in SLH C

Professor: Alistair P. Mapp   *T.A.*:   Lorinda Mak
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                 Rm. 217 BSB   Office hour: See Moodle

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Course website (Moodle): https://moodle.yorku.ca

DATE		TOPIC	READING
September	16	Orientation	
	23	Introduction & Math Review	Chapter 1 & Appendix A
	30	Frequency Distributions	Chapter 2
October	7	Central Tendency & Variability	Chapters 3 & 4
	14	Standardized Distributions	Chapter 5
	21	**Test 1 (20%) & Assignment 1 Due (5%)**	
	28	Probability	Chapter 6
November	4	Sampling Distributions	Chapter 7
	11	Hypothesis Testing	Chapter 8
	18	One Sample t-Test	Chapter 9
	25	Pre-Test Q & A	
December	**2**	**Test 2 (20%) & Assignment 2 Due (5%)**	
		HAPPY HOLIDAYS	
January	6	Two Independent Samples t-Test	Chapter 10
	13	Two Related Samples t-Test	Chapter 11
	20	Confidence Intervals	See Book Index
	27	Introduction to ANOVA	Chapter 12
February	3	Repeated-Measures ANOVA	Chapter 13
	5	*Last day to drop full year courses without academic penalty*	
	10	**Test 3 (20%) & Assignment 3 Due (5%)**	
	17	*Reading Week (No Class)*	

See over…

DATE		*TOPIC*	*READING*
February	24	Two-Factor ANOVA	Chapter 14
March	2	Correlation & Regression	Chapters 15 & 16
	9	Binomial Test	Chapter 18
	16	Techniques for Ordinal Data	Appendix E
	23	Chi-Square Test	Chapter 17
	30	**Test 4 (20%) & Assignment 4 Due (5%)**	

Evaluation

There will be **four tests** in this course, each one of which will be worth 20% of your final grade. The format of each test will be multiple choice and data analysis/interpretation questions. The tests will be noncumulative and will be based on materials covered both in class and in the readings. Additionally, there will be **four assignments**, each one of which will be worth 5% of your final grade. **You are expected to work on these assignments independently.**[*] It is your responsibility to make sure you download the assignments from the course website (https://moodle.yorku.ca) and hand them in on time. The assignments will **not** be accepted late.

Missed Tests

If you miss a test you will be given **one** chance to write a make-up test if and only if:[**]

(a) you email me (amapp@yorku.ca) no later than 48 hours after the missed test, and
(b) you provide me with appropriate documentation (e.g., an *Attending Physician's Statement*[***]) verifying the circumstances for the missed test.

Failure to comply with points (a) and/or (b) above will result in a grade of F on any missed tests.

Prerequisite or Corequisite

Introduction to Psychology (PSYC 1010 6.0) or equivalent with a minimum grade of C when used as a prerequisite.

Required Text

Gravetter, F. J., & Wallnau, L. B. (2013). *Statistics for the Behavioral Sciences* (9th ed.). Belmont, CA: Wadsworth.

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[*] *Senate Policy on Academic Honesty* is available on the course website and at:
http://www.yorku.ca/secretariat/policies/document.php?document=69
[**] A complete list of *Rules Governing Missed Tests/Exams* is available on the course website.
[***] An *Attending Physician's Statement* can be downloaded from the course website or from:
http://www.yorku.ca/amapp/misc/attending_physician_statement_apm.pdf