

York University, Faculty of Health
Psychology 2020 6.0A (Statistical Methods I and II)
Fall/Winter 2014-2015; Thursday 7:00-10:00 p.m. in R S203

Professor: Alistair P. Mapp
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Course website (Moodle): <https://moodle.yorku.ca>

<i>DATE</i>	<i>TOPIC</i>	<i>READING</i>
September 11	Orientation	
18	Introduction & Math Review	Chapter 1 & Appendix A
25	Frequency Distributions	Chapter 2
October 2	Central Tendency & Variability	Chapters 3 & 4
9	Standardized Distributions	Chapter 5
16	Test 1 (20%) & Assignment 1 Due (5%)	
23	Probability	Chapter 6
30	<i>Co-Curricular Day (No Class)</i>	
November 6	Sampling Distributions	Chapter 7
13	Hypothesis Testing	Chapter 8
20	One Sample t-Test	Chapter 9
27	Pre-Test Q & A	
December 4	Test 2 (20%) & Assignment 2 Due (5%)	
	HAPPY HOLIDAYS	
January 8	Two Independent Samples t-Test	Chapter 10
15	Two Related Samples t-Test	Chapter 11
22	Confidence Intervals	See Book Index
29	Introduction to ANOVA	Chapter 12
February 5	Repeated-Measures ANOVA	Chapter 13

See over...

<i>DATE</i>	<i>TOPIC</i>	<i>READING</i>
February 6	<i>Last day to drop full year courses without academic penalty</i>	
12	Test 3 (20%) & Assignment 3 Due (5%)	
19	<i>Reading Week (No Class)</i>	
26	Two-Factor ANOVA	Chapter 14
March 5	Correlation & Regression	Chapters 15 & 16
12	Binomial Test	Chapter 18
19	Techniques for Ordinal Data	Appendix E
26	Chi-Square Test	Chapter 17
April 2	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. 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.

* *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