

York University, Faculty of Health
Psychology 2020 6.0H (Statistical Methods I and II)
Fall/Winter 2015-2016; Thursday 11:30-2:30 in FC 106

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

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

See over...

<i>DATE</i>	<i>TOPIC</i>	<i>READING</i>
February 18	<i>Reading Week (No Class)</i>	
25	Two-Factor ANOVA	Chapter 14
March 3	Correlation & Regression	Chapters 15 & 16
10	Binomial Test	Chapter 18
17	Techniques for Ordinal Data	Appendix E
24	Chi-Square Test	Chapter 17
31	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: **

- you email me (amapp@yorku.ca) no later than 48 hours after the missed test, and
- 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