

**York University, Faculty of Health
Psychology 2021 3.0P (Statistical Methods I)
Winter 2015-2016; Thursday 8:30-11:30 a.m. in ACW 206**

<i>Professor:</i>	Alistair P. Mapp amapp@yorku.ca Rm. 217 BSB	<i>T.A.:</i> (last names TBA)	Heather Davidson davi9640@yorku.ca Office hour: See Moodle
<i>Secretary:</i>	Agnes Levstik 416.736.5125 Rm. 281 BSB	<i>T.A.:</i> (last names TBA)	Nikita Wong nwong227@yorku.ca Office hour: See Moodle

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

<i>DATE</i>	<i>TOPIC</i>	<i>READING</i>
January 7	Orientation	
14	Introduction & Math Review	Chapter 1 & Appendix A
21	Frequency Distributions	Chapter 2
28	Central Tendency & Variability	Chapters 3 & 4
February 4	Standardized Distributions	Chapter 5
11	Probability	Chapter 6
18	<i>Reading Week (No Class)</i>	
25	Test 1 (40%) & Assignment 1 Due (10%)	
March 3	Sampling Distributions	Chapter 7
4	<i>Last day to drop winter courses without academic penalty</i>	
10	Hypothesis Testing	Chapter 8
17	t-Tests & Estimation	Chapter 9
24	Correlation & Regression	pp. 509-530 & pp. 542-560
31	Chi-Square Test	Chapter 17
Exam Period (April 6-20)	Test 2 (40%) & Assignment 2 Due (10%)	

Evaluation

There will be **two tests** in this course, each one of which will be worth 40% 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 **two assignments**, each one of which will be worth 10% 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