

# Statistical methods I

HH/PSYC 2021 3.0 B  
Summer S1 2018

<b>Instructor:</b>	Richard Murray <a href="mailto:rfm@yorku.ca">rfm@yorku.ca</a>
<b>Lectures:</b>	Tuesday and Thursday, 2:30 – 5:30, Curtis Lecture Hall E
<b>Office hours:</b>	TBD
<b>Textbooks:</b>	<i>Statistics in plain English, fourth edition</i> (Urdan, 2016) <i>The humongous book of statistics problems</i> (Kelley & Donnelley, 2009)
<b>Website:</b>	<a href="http://www.yorku.ca/rfm/psyc2021">www.yorku.ca/rfm/psyc2021</a>
<b>Evaluation:</b>	two tests (30% each); final exam (40%)
<b>Prerequisite:</b>	PSYC 1010 6.0, with a minimum grade of C

**Midterm test and final exam.** The midterm tests and the final exam will cover the lectures and the assigned readings. The first midterm will cover weeks 1-2, the second midterm will cover weeks 3-4, and the final exam will cover the entire course.

**Policy on missed tests.** There will be no makeup tests. If you provide suitable documentation for missing a test, the weight of the missed test will be added to the weight of the final exam. Tests missed without adequate documentation will be assigned a mark of zero.

**Drop date.** The last date to drop the course without receiving a grade is June 18.

## LECTURE SCHEDULE

topics			Urdan chapters
1a	22-May	introduction; probability	1
1b	24-May	mean; variance	2, 3
2a	29-May	normal distribution; z scores	4, 5
2b	31-May	standard errors; significance	6, 7
3a	5-Jun	effect size; confidence intervals	7
3b	7-Jun	t test; <u>test 1</u>	8
4a	12-Jun	t test	8
4b	14-Jun	correlation	12
5a	19-Jun	regression	13
5b	21-Jun	chi square; <u>test 2</u>	14
6a	26-Jun	overflow; review	
6b	28-Jun	review	

**Plagiarism.** Evaluation in this course is completely based on in-class tests, so questions regarding what constitutes plagiarism should not be difficult. Consult the Department of Psychology's undergraduate calendar for policy on plagiarism.

**Letter grades.** Final course marks will be converted to letter grades as follows.

90 – 100	A+	55 – 59.99	D +
80 – 89.99	A	50 – 54.99	D
75 – 79.99	B+	45 – 49.99	E
70 – 74.99	B	0 – 44.99	F
65 – 69.99	C+		
60 – 64.99	C		