

AK/AS/SC PSYC 2021 3.0B S1 – Statistical Methods I – Summer 2011

Ed Haltrecht

Text: Gravetter, F.J. & Wallnau, L. (2009). *Statistics for the Behavioral Sciences*, 8th Edition, Belmont, CA: Wadsworth. ISBN-10: 0-495-60220-5

Intended course sequence (While the content, and order of presentation is fixed, exact coverage on a class by class basis may be adjusted based upon progress and student feedback- check regularly with course instructor.)

May 2	Introduction to course Broad overview- Descriptive Statistics- mode, median
May 4	Broad overview continued- mean, range, variance, standard deviation, rules of thumb, percentiles
May 9	(Section heading numbers refer to text) 1.2 Populations and samples 1.4 Variable and measurement, Discrete and continuous variables 1.5 Statistical notation 2.1 – 2.4 Frequency distributions- tables, graphs, shape 2.5 Percentiles, percentile ranks 3.1 – 3.6 Central tendency 4.1 – 4.2 Range 4.3 – 4.6 Standard deviation, variance
May 11	5.1- 5.5 z-Scores 6.1- 6.3 Probability
May 16	7.1 – 7.4 The distribution of sample means.
May 18	Test 1 (2¾ hours) worth 50% of final course grade - covering Chapters 1 - 7. 75% multiple choice (75 items) 25% problems where student must show work. (likely 5 items worth about 5 marks each) (No choices).
May 25	8.1 – 8.7 Hypothesis testing.
May 30	9.1 – 9.4 t-statistic 10.1 – 10.4 Hypothesis tests with two independent samples
June 1	11.1 – 11.4 Hypothesis tests with related samples 12.1 – 12.3 Estimation
June 6	16.1 – 16.4 Correlation 18.1 – 18.5 Chi-Square Statistic
June 8	Review
June 15 to 17	Exam 2 (3 hours) Worth 50% of final course grade- covering all material covered since Test 1. Same format as Test 1. Check for new class room - Exact date during the final examination period to be determined by Registrar's Office. (Sometime between Weds June 15 and Friday June 17 inclusive)

Last date to enrol without permission of course instructor – May 6

Last date to enrol with permission of course instructor – May 13

Last date to drop courses without receiving a grade – May 27

Instructor: Ed Haltrecht, haltrech@yorku.ca Office hours, Phone number, Office location to be announced

TA: Dincer Kocalar dkocalar@yorku.ca BSB 011 **office hours to be announced**

Secretary: Agnes Levstik 416 736-5125

Missed Exams:

There will be one deferred exam after the final examination period- June 20th, Monday, 1.00 pm -4.00pm

Students will be able to write only one deferred exam provided proper documentation is produced- if both exams are missed, students will have to retake the course unless they successfully petition.