



**BASKENT UNIVERSITY
PSYCHOLOGY PROGRAM**

BAŞKENT ÜNİVERSİTESİ

COURSE OUTLINE

COURSE NAME:	Statistics I: Descriptive Statistics			
COURSE NUMBER:	PSK 211			
TEACHING PERIOD:	Fall Semester 2017/18			
CONTACT DETAILS	Name	Office	Phone	E-mail
	Dr. Sinan Alper	G410/A	-	sin.alper@gmail.com
COURSE SCHEDULE	Wednesday 9.00 – 11.50 (Section 1) or Wednesday 13.00 – 15.50 (Section 2)			
<i>IMPORTANT: Please note that the instructor reserves the right to make any necessary changes to this course outline as may be needed. The instructor reserves also the right to change or modify course materials or deadlines in response unforeseeable circumstances.</i>				

SECTION A: GENERAL INFORMATION

UNIT WEIGHTING	3
PRE-REQUISITES	PSK 211
CO-REQUISITES	NONE
ASSUMED KNOWLEDGE	NONE
REFERENCE BOOK	Jackson, S. (2014). <i>Statistics: Plain and simple</i> 3 rd Ed). Belmont, CA: Wadsworth Cengage.
STUDENT FEEDBACK	In order to improve the quality of teaching and learning your feedback as a student for this unit is very much welcomed.

SECTION B: OBJECTIVES AND EXPECTED OUTCOMES

At the end of this course students are expected to;

LO1. Sharpen their statistical intuition and abstract reasoning as well as their reasoning from numerical data through psychological and social research.

LO2. Be able to read and evaluate statistical results any given research reports.

LO3. Apply probabilistic thinking skills to various problems.

LO4. Be able to apply statistical software programs and able to summarize data descriptively.

LO5. Evaluate statistical graphs according to their reliability in showing data properly.

LO6. Develop better attitudes to statistics.

LO7. Apply statistical thinking to other subareas of psychology.

SECTION C: ASSESSMENT DETAILS

MID-TERM EXAM	Format: Multiple choice & Short answer & Calculation Date: Week 8 Weighing: 30% Coverage: Weeks 1 to 7
ASSIGNMENTS	You will complete 6 assignments regarding what you learned during lab sessions. Weighing: 30%
FINAL EXAM	Format: Multiple choice & Short answer & Calculation Date: TBA, during final examinations period Weighing: 40% Coverage: All
REFERENCING	The psychology referencing requirement is the American Psychological Association (APA) style of referencing. See http://www.lesley.edu/library/guides/citation/apa.html for some basic information regarding APA style referencing.
OBJECTIONS	If you believe that your exam paper has been marked in error, please contact me via e-mail.

**SECTION D:
TEACHING
SCHEDULE**

Week	Lecture topic
Week 1	Introduction, science and statistics
Week 2	Variables, measurement and data organization
Week 3	Measures of central tendency
Week 4	Measures of variation
Week 5	Standard scores (z scores)
Week 6	Probability
Week 7	Review
Week 8	Midterm
Week 9	Hypothesis testing and inferential statistics
Week 10	Single-sample z -test
Week 11	Standard errors, confidence intervals and significance tests
Week 12	Single-sample t -test
Week 13	Effect size and statistical power
Week 14	Review
TBA	Final Exam