Statistical Methods (PSY 2100 Section 003) – Spring 2013

Monday/Wednesday, 12:30-1:45 / University Hall 5150F

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Office Hours: Monday 2:00 to 4:00 or by appointment

Text and Materials

Gravetter, F. J. & Wallnau, L. B. (2011). *Essentials of Statistics for the Behavioral Sci*

(7th Ed.). Wadsworth, Cengage.

Prerequisite: C- or better in Math 1320 (or a higher math)

Calculator: Required (a simple scientific calculator is sufficient)

Course Blackboard Website: http://www.dl.utoledo.edu

Course Objectives

Course Requirements

Exams

for a total of 4 exams. Each of the exams is worth 100 points and consists of a combination of

3) Homework corrections are due the class period after you receive your first graded submission back.

4) Late penalties still apply to homework corrections.

If you turn in corrections, your homework assignment score will be adjusted such that you are given the average of your two homework scores.

Practice Problems
In addition to assigned homework, select problems from each chapter of your textbook will be posted on blackboard for further practice. These problems provide additional practice on concepts and problems covered in class, on homework assignments, and on exams. Completion of these problems is **optional**. However, it is in your best interest to understand how to answer each of these examples. At the end of the semester, you will be given the opportunity to turn in a practice problem journal for **extra credit**.

Evaluation			Points
Exams (80%)	4 exams @ 100pts each	=	400
Homework Assignments (20%)	10 assignments @ 10pts each	=	100
Total			**500**

Letter Grades

A	93+%	> 463 points	C	73-76%	363-382

D | 87-80% | 432-447 | D | 67-69% | 332-347

University of Toledo Policy Pertaining to Academic Integrity

Academic dishonesty will not be tolerated. Among the aims of education are the acquisition of knowledge and development of the skills necessary for success in any profession. Activities inconsistent with these aims will not be permitted. Students are responsible for knowing what constitutes academic dishonesty. If students are uncertain about what constitutes plagiarism or cheating they should seek the instructor's advice. Examples of academic dishonesty include, but are not limited to:

- Plagiarizing or representing the words, ideas or information of another person as one's own and not offering proper documentation;

- Giving or receiving, prior to an examination, any unauthorized information concerning the content of that examination;

- Referring to or displaying any unauthorized materials inside or outside of the examination room during the course of an examination;

- Communicating during an examination in any manner with any unauthorized person concerning the examination or any part of it;

- Giving or receiving substantive aid during the course of an examination;

- Commencing an examination before the stipulated time or continuing to work on an examination after the announced conclusion of the examination period;

- Taking, converting, concealing, defacing, damaging or destroying any property related to the

How to Succeed in this Course

I have noticed first-hand that many students dread this statistics requirement. Many wonder why a statistics class is necessary for psychology majors. Others think back to math courses with considerable anxiety. I want you to know that I am aware that many students are nervous about this class and, above

convince you that it is quite natural for psychology and statistics to exist together.

Mastering the basics of statistics is much like learning a new language – it requires practice, practice, practice. New material builds on older material, and it is essential that you stay up on the class material. Here are some general strategies to consider when going through the course:

Attend Class
Attending class is critical for success in this course. In fact, research has shown that one of the best

Tentative Course Schedule

Date	Topic	Assigned Reading	Assignment
1 / 7	Course Introduction & Requirements	----	Assignment 0 (2 pts)
1 / 9	Introduction to Statistics and Math Preliminaries	Chapter 1 (p. 1 – 30)	
1 / 14	Frequency Dist., Data Organization, & Shape	Chapter 2 (p. 35 – 51)	

Date	Topic	Assigned Reading	Assignment
1 / 21	**NO CLASS: MLK Holiday**		
1 / 23	Measures of Variability	Chapter 4 (p. 88 – 111)	
1 / 28	Standardized (Z) Scores	Chapter 5 (p. 120 – 140)	Assignment 2 due
1 / 30	Probability & the Normal Distribution	Chapter 6 (p. 145 – 167)	
2 / 4	Slippage and Review	----	Assignment 3 due
2 / 6	**Exam 1 (Chapters 1-6)**	----	