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Fall 2015

## PSYC 2310

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*University of New Orleans*

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### Recommended Citation

Lee, Franklin, "PSYC 2310" (2015). *University of New Orleans Syllabi*. Paper 893.  
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**Syllabus for Intro to Stats (PSYC 2310 Section 001)**  
**MWF 1:00-1:50 Lab F 1:50-2:50**

**Instructor:** Franklin Lee    **Email:** falee@uno.edu (best way to contact me)  
**Office:** GP 2040    **Office Hours:** MWF 12:00-1:00

**Textbook:** Essentials of Statistics for the Behavioral Sciences: 8<sup>th</sup> Edition. Frederick Gravetter and Larry Walnau. Cengage Learning **ISBN10:** 1-133-95657-2

**Required Materials:** Calculator, Graphing Paper, Book

**Student Learning Outcomes:** The goals of this course are for each student to:

- 1) develop an understanding of statistical logic and procedures
- 2) understand the assumptions underlying statistical tools
- 3) apply statistical techniques to real world data sets
- 4) learn to interpret data sets and draw statistical and clinical conclusions
- 5) gain a working understanding of SPSS

**Course Requirements:**

- A. **Readings:** Students are responsible for all required readings throughout the course. Reading the material prior to lecture will enhance learning, make class discussion a meaningful experience, and better prepare you for the exams.
- B. **Labs (50 points):** Exercises (labs), in the form of problems, will generally be administered every week or 2 weeks. Labs will be worth 5 points each, for a total of 50 points toward your final grade.
- C. **Exams (200 points):** There will be a total of four exams during the course of the semester. Exams 1-3 will be worth 60 points and exam 4 will be worth 30 points for a total of 210 points toward your final grade. Students must provide their own #2 pencils, erasers, graph paper, and calculator for each exam.
- D. **Homework Assignments (50 points):** During the semester, you will be required to complete 10 homework assignments related to the material learned in both the lecture and lab. Each completed homework assignment will be worth 5 points for a total of 50 points toward your final grade. The completion of homework assignments is an important part of learning and understanding statistics and will help you master the different techniques used to analyze and report data.

Homework assignments will be assigned at the end of each "LAB" and will be due at the beginning of the next class period. The exact dates of when homework will be due are provided on the schedule of events. Homework assignments should be completed and turned in at the beginning of class. Unless a valid excuse is provided

for turning in homework late (e.g., after the beginning of class on the assigned due date), you will receive 0 points for that assignment.

- E. **Attendance:** It is imperative that you attend class regularly and participate in class activities. Attendance will be taken in all classes. Students who miss 0-3 classes will receive 20 points toward their final grade. Students who miss 5 lectures will have 5 points subtracted for each additional lecture missed.
- F. **Class Policies (IMPORTANT: PLEASE READ CAREFULLY):**
- If you miss a class, you should get class notes from another student before the next class. Copying class notes during a lab exercise will not be allowed.
  - Students working on “something else” during a lab exercise will not get credit for the lab.
  - It is important to be on time for class. Once initial announcements are made and class begins, the door to the classroom will be closed. Once the door is closed, please do not enter the classroom as it disrupts the class.
- G. **Class Conduct:** TURN OFF ALL ELECTRONIC DEVICES! It is disruptive to others in the class when phones vibrate or ring during lectures. Text messaging and listening to other electronic devices (e.g., iPod; iPhone, etc...) is also unacceptable. If there is a problem with cell phone interruptions or other electronic devices in class, you will be asked to leave the room for the remainder of that class period. Please be respectful of your classmates and instructor.
- H. **Disabilities and Accommodations:** It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to <http://www.ods.uno.edu>.
- I. Please notify me right away if you need accommodations for a disability.
- J. **Course Grading:** The total number of possible points that can be earned from this course is 300 points. To earn an A in the course you must earn 90% of the total points or 269 points.

<b>Evaluation Breakdown:</b>	<b>Pts</b>
Exam 1	50
Exam 2	50
Exam 3	50
Exam 4	50
Labs (10 x 5 pts)	50
Homework (10 x 5 pts)	50
Total Possible Points =	300

<b>Letter Grade</b>	<b>Percentage</b>	<b>Points</b>
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A	90-100%	269-300
B	80-89%	239-268
C	70-79%	209-238
D	60-69%	179-208
F	0-59%	0-178

- K. **Makeup Policy:** Make-up labs and exams will not be given unless the student provides written documentation of attending an official university event or having a medical emergency that resulted in a conflict with the scheduled exam. For an excused missed exam, the student has the alternative of making up the exam when they present a university excused absence only. Students must contact me within 24-48 hours after the missed exam. Students must make up the exam within a week, unless hospitalization prevents the student from doing so.
- L. **Academic Integrity:** Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at <http://www.studentaffairs.uno.edu>.

Students who are caught cheating on the attendance sheets will lose 5 points from their final grade, and will be ineligible for bonus points.

- M. This syllabus is subject to change by me at any time. It is to serve as a guideline for what is going on in the class and as such you are responsible for checking it often in case something changes.

## COURSE SCHEDULE\*

Month	Day	Topic	Other
Aug	19	Syllabus/Intro	Chapter 1
	21	Introduction to Stats	Chapter 1
	24	Introduction to Stats	Chapter 1
	26	Frequency Distributions	Chapter 2
	28	Frequency Distributions Lab 1	Chapter 2
	31	Measures of Central Tendency	Chapter 3
Sept	2	Measures of Central Tendency	Chapter 3
	4	Measures of Central Tendency	Chapter 3
	7	<b>Labor Day Holiday</b>	
	9	Measures of Variability/Homework 1 Due	Chapter 4
	11	Measures of Variability	Chapter 4
	14	Measures of Variability/Lab 2	Chapter 4
	16	<b>Exam 1</b> /Homework 2 due	Chapter 1-4
	18	Z-scores	Chapter 5
	21	Z-scores	Chapter 5
	23	Z-scores / Lab 3	Chapter 5
	25	Probability / Homework 3 due	Chapter 6
	28	Probability	Chapter 6
	30	Probability /Homework 4 due	Chapter 7
Oct	2	Probability / Lab 4	Chapter 7
	5	Intro to Hypothesis Testing	Chapter 8
	7	Intro to Hypothesis Testing / Homework 5 due	Chapter 8
	9	Intro to Hypothesis Testing /Lab 5	Chapter 8
	12	<b>Exam 2</b>	Chapters 5-8
	14	Hypothesis test with t-test	Chapter 9
	16	<b>Mid Semester Break</b>	
	19	Hypothesis test with t-test	Chapter 9
	21	Independent Samples t-test / Homework 6 due/ Lab 6	Chapter 10
	23	Independent Samples t-test	Chapter 10
	26	Related samples t-test	Chapter 11
	28	Related samples t-test	Chapter 11
	30	Related samples t-test / Lab 7	Chapter 11
Nov	2	Intro to Anova	Chapter 13
	4	Intro to Anova / Homework 7 due	Chapter 13
	6	<b>Exam 3</b>	Chapter 9-13 (not chapt 12)
	9	Repeated Measures Anova	Chapter 14
	11	Repeated Measures Anova	Chapter 14
	13	Repeated Measures Anova / Lab 8	Chapter 14

