

Lecture 404.1001
Lab 404.1002

Instructor:
Email:

Office:
Office Phone:
Office Hours:

Teaching Assistant:
Email:

Office:
Office Hours:

General Comments about this Course

This course is different than most sociology courses you have taken before. The purpose of this course is to increase your understanding and ability to interpret and manage quantitative data. For this reason, this course does not deal with a particular subject matter in the usual sense but rather focuses on developing your quantitative skills and knowledge in a broader sense. The skills you will learn in this class will allow for more productive and successful study—regardless of your major. You will also learn valuable statistical tools that will make you a stronger candidate in the labor market.

Course Organization

This course will combine classroom lectures and discussion with both in-class and at home assessments. The lectures will be presented using power point slides that should be accessed prior to lecture, printed out, and brought to each class. The rationale for providing the lecture slides is to allow you to concentrate on the class lecture without the burden of having to take lengthy notes.

Learning Outcomes

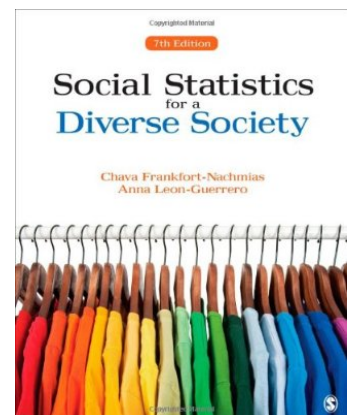
This course will acquaint you with the statistical techniques commonly used in the social sciences. It will also enable you to produce and interpret statistical data and reports using SPSS.

More specifically, by the end the semester, you should be able to explain, calculate, and use the following statistical tools and related components: (1) Levels of Measurement, (2) Measures of Central Tendency, (3) Measures of Variability, (4) The Normal Curve, (5) Bivariate Association, (6) Linear Regression.

Required Materials:

- 1) USB Flash Drive
- 2) Calculator with basic functions
- 3) Frankfort-Nachmias and Leon-Guerrero. Social Statistics for a Diverse Society. 7th Edition. Sage, 2015.

* Make sure you have the 7th edition*



Course Policies

***Note: See the Appendix at the end of this syllabus for more detailed information about UNLV policies and procedures. The course policies listed directly below are for quick reference and/or are specific to this course.**

Technologies: Students are not allowed to send or receive text messages or phone calls in class. Laptops may be used for note taking during class time, but please refrain from searching the web and/or checking email.

Changes to Syllabus/Course Communication: Students are responsible for any changes in this syllabus that are announced in class or sent to your email account associated with UNLV Web Campus. You must regularly check your UNLV email.

Misconduct: Any students found guilty of academic misconduct (e.g. cheating, plagiarism) will be given a grade of “0” on the relevant assignment and disciplined according to UNLV policy and procedures.

Accommodations: I am more than willing to accommodate students with disabilities (as documented with the Disability Resource Center—whatever they may be. If this applies to you, please see me as soon as possible so we can follow UNLV policy and procedures and discuss your official Academic Accommodation Plan.

Attendance Policy: Your attendance is expected at each and every meeting. Please plan to come to lecture and lab on time and attend the full class period. Leaving lecture or lab early will not be allowed unless there is a valid excuse for doing so.

Recommendation Letters: I would be happy to write a letter of recommendation for any student who earns an “A” in any of my courses.

Library Resources

“Students may consult (<https://www.library.unlv.edu/consultation>) with a librarian on research needs. For this class, the subject librarian is https://www.library.unlv.edu/contact/librarians_by_subject). UNLV Libraries provides resources to support students’ access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at <https://www.library.unlv.edu/>.”

Course Requirements

Homework Assignments 20%

Homework will consist of generating and interpreting SPSS output and/or performing and interpreting hand calculations. **All homework assignments are collected either in lecture or lab as specified in the assignment schedule that follows. Late homework assignments will not be accepted.** Each homework assignment will build upon previous assignments, so it is very important to complete all of them.

Quizzes 20%

Quizzes will be given randomly throughout the semester in **either lecture or lab**. They will be short and take about 5-15 minutes. All of the quizzes will be open-note and open-book. However, it is

impossible for you to complete the quiz in the time allotted without being familiar with the assigned reading. Therefore, being prepared for class each session is mandatory if you wish to do well in the course. The quizzes will allow for you to assess your own performance in the course throughout the semester. At the same time, it will allow me to see how the class as a whole is doing. Unless you have a documented medical excuse for missing class or some other university approved absence, there will be **no makeup exams for any reason, you will not be allowed to makeup a missed quiz.**

Examinations 60%

Three exams will be given during the semester. Other than religious observations, documented medical emergencies, official university closings, or some other university approved absence, **there are no makeup exams for any reason. No exceptions!** If for some reason the day of a scheduled exam class is canceled for any reason, the exam will be given during the next regularly scheduled class session.

Grades

Grading is based on the following components:

Homework Assignments	20%
Quizzes	20%
<u>Exams</u>	<u>60%</u>
Total	100%

The Grade Distribution is as follows:

93% or higher	A
90-92.99%	A-
87-89.99%	B+
83-86.99%	B
80-82.99%	B-
77-79.99%	C+
73-76.99%	C
70-72.99%	C-
67-69.99%	D+
63-66.99%	D
60-62.99%	D-
59.99% or lower	F

NOTE: If you are taking this course as Sociology 604, you will have an additional task: a final paper that is due at the end of the semester. More information about this paper will be administered near the end of the semester.

Class & Assignment Schedule
(Tentative and Subject to Change)

NOTE: CE= Chapter Exercises SP=SPSS Problems

Date	Topic and Assigned Reading	Assignment DUE
	Welcome to the Course!	
	The What and Why of Statistics	Read Chapter 1
	Introduction to SPSS	
	The What and Why of Statistics (cont.)	Read Chapter 1
	Ch. 1 SPSS Demonstration	
	Frequency & Percentage Distributions	Read Chapter 2 HW 1) Ch. 1, CE #'s 2 (construct hypotheses not research questions) AND CE # 3
	Graphs & Charts	Read Chapter 3 HW 2) Ch. 2, SP # 2 and CE #6
	Ch. 3 SPSS Demonstration	
	Measures of Central Tendency	Read Chapter 4 HW 3) Ch 3, SP #1
	Measures of Central Tendency (cont.)	
	Ch. 4 SPSS Demonstration	
	Measures of Variability	Read Chapter 5 HW 4) Ch. 4, SP #1 and CE #15
	Measures of Variability (cont.)	
	Ch. 5 SPSS Demonstration	

Chapters 1-5 Group Work

HW 5) Ch. 5, SP #1 and CE #15

Exam 1, Chapters 1-5.

Exam Week, no lab.

Discuss Exam 1 and The Normal Distribution

Read Chapter 6

The Normal Distribution (cont.)

Ch. 6 Practice Problems

The Building Blocks of Inference

Read Chapter 7

HW 6) Ch. 6, CE #4 and CE #10

DEBATE: CLASS DETAILS TBA
The Building Blocks of Inference (cont.)

DEBATE: CLASS DETAILS TBA
Ch. 7 Review

Estimation

Read Chapter 8

HW 7) Ch. 7, CE #2

Estimation (cont.)

Ch. 8 SPSS Demonstration

Testing Hypotheses

Read Chapter 9

HW 8) Ch. 8, SP #2 and CE #2

Testing Hypotheses (cont.)

Ch. 9 SPSS Demonstration

Chapters 6-9 Group Work

HW 9) Ch. 9, SPSS#4 and CE #12

Exam 2, Chapters 6-9.

Exam Week, no lab.

Discuss Exam 2 and Cross Tabulations

Read Chapter 10

Cross-Tabulations (cont.)

Ch. 10 SPSS Demonstration

Chi-Square and Measures of Association

Read Chapter 11

HW 10) Ch. 10, SP #2 and CE #2

Chi-Square and Measures of Association (cont.)

Ch. 11 SPSS Demonstration

Chi-Square and Measures of Association (cont.)

Linear Regression

Read Chapter 13

HW 11) Ch. 11, SP #2 and
CE #2 AND HANDOUT

Ch. 13 SPSS Demonstration

Linear Regression (cont.)

Linear Regression (cont.)

HW 12) Ch. 13, SP #1a-d

Exam Review

FINAL EXAM (i.e., Exam 3):

Peer Contact Information: Please take a moment to get the contact info for those seated around you. If you (unfortunately) miss class, you can contact each other for notes and information.

1) Name:

Email:

Phone:

2) Name:

Email:

Phone:

3) Name:

Email:

Phone:

APPENDIX A

The following policies have been included in this appendix verbatim from:
https://www.unlv.edu/sites/default/files/page_files/945/Policies-SyllabiMinCriteria-1617.doc

Academic Misconduct—Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV's function as an educational institution. An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the *Student Academic Misconduct Policy* (approved December 9, 2005) located at: <https://www.unlv.edu/studentconduct/student-conduct>.

Copyright—The University requires all members of the University Community to familiarize themselves **with** and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws.** Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: <http://www.unlv.edu/provost/copyright>.

Disability Resource Center (DRC)—The UNLV Disability Resource Center (SSC-A 143, <http://drc.unlv.edu/>, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

Religious Holidays Policy—Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor within the first 14 calendar days of the course for fall and spring courses (excepting modular courses), or within the first 7 calendar days of the course for summer and modular courses, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: <http://catalog.unlv.edu/content.php?catoid=6&navoid=531>.

Transparency in Learning and Teaching—The University encourages application of the transparency method of constructing assignments for student success. Please see these two links for further information: <https://www.unlv.edu/provost/teachingandlearning> and <https://www.unlv.edu/provost/transparency>.

Incomplete Grades—The grade of I—Incomplete—can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student's control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving "I" grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

Tutoring and Coaching—The Academic Success Center (ASC) provides tutoring, academic success coaching and other academic assistance for all UNLV undergraduate students. For information regarding tutoring subjects, tutoring times, and other ASC programs and services, visit <http://www.unlv.edu/asc> or call 702-895-3177. The ASC building is located across from the Student Services Complex (SSC). Academic success coaching is located on the second floor of the SSC (ASC Coaching Spot). Drop-in tutoring is located on the second floor of the Lied Library and College of Engineering TEB second floor.

UNLV Writing Center—One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student's Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: <http://writingcenter.unlv.edu/>.

Rebelmail—By policy, faculty and staff should e-mail students' Rebelmail accounts only. Rebelmail is UNLV's official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted

to the university. Students' e-mail prefixes are listed on class rosters. The suffix is always [@unlv.nevada.edu](mailto:unlv.nevada.edu). Emailing within WebCampus is acceptable.

Final Examinations—The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: <http://www.unlv.edu/registrar/calendars>.