

**University of North Texas at Dallas
Spring 2017
Syllabus**

Statistics in Psychology • PSYC 3210 • 3 hrs.	
Department of	Sociology & Psychology
School of	Liberal Arts & Sciences
Instructor Name:	Mario P. Casa de Calvo, Ph.D.
Office Location:	DAL 2, 257
Office Phone:	(972) 338-1321
Email Address:	mario.casadecalvo@untdallas.edu
Office Hours:	Tuesday & Thursday from 12:00 - 4:00 and by appointment. I will make myself available to meet in person, individually, or as a group whenever a need arises. Note: All written communication will be delivered via e-mail or Blackboard.
Classroom Location:	Online
Class Meeting Days & Times:	Online
Course Catalog Description:	This course covers the principles and concepts for the use of statistics in the social and behavioral sciences. It will cover descriptive statistics, inferential statistics, and sampling, such as measures of central tendency, t-tests, linear regression, simple random sampling, and stratified sampling.
Prerequisites:	PSYC 3200
Required Text:	Levin, J., Fox, J.A., & Forde, D. R. (2010). Elementary Statistics in Social Research (11th Edition). Boston, MA: Allyn and Bacon. ISBN: 9780205570690
Access to Learning Resources:	UNT Dallas Library: phone: (972) 780-3625; web: http://www.unt.edu/unt-dallas/library.htm UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: 1012mgr@fhcg.follett.com
Course Goals or Overview: The goals of this course are as follows -	

	<ol style="list-style-type: none"> 1. Students will be able to describe key concepts, principles, and overarching themes in psychological statistics, and will be able to apply statistics to novel situations/scenarios. 2. Students will be able to use scientific reasoning to engage in innovative and integrative thinking and problem solving, and interpret, design, and conduct basic statistical analyses.
<p>Learning Objectives/Outcomes: At the end of this course, students will be able to:</p>	
1	Compute and understand the measures of central tendency and variability.
2	Understand and compute inferential statistical measures.
3	Understand and compute various measures of associations.
4	Demonstrate an understanding of the basic principles of linear modeling in Analysis of Variance and regression.
5	Demonstrate critical thinking skills.
<p>Psychology Program Objectives/Outcomes: This is a list of student core competencies in the Psychology program that are specifically developed in this course.</p>	
	<ol style="list-style-type: none"> 1. Students will be able to use scientific reasoning to interpret psychological phenomena, engage in innovative and integrative thinking and problem solving, and interpret, design, and conduct basic psychological research.
	<ol style="list-style-type: none"> 2. Students will be able to describe key concepts, principles, and overarching themes in psychology, and will be able to describe applications of psychology.

COURSE SCHEDULE

Assignments are due by 11:59 pm of the assigned date, and should be submitted via Blackboard. The schedule is subject to change, as necessary; see Blackboard for any announcements/updates.

	Mon	Tue	Wed	Thurs	Fri	Sat	Sun
Week 1	Jan. 16	Jan. 17	Jan. 18	Jan. 19	Jan. 20	Jan. 21	Jan. 22
	MLK Day - No Class	• Read Week 1 Folder	Personal Introduction Due				• Week 1 DQ & Peer Reply Due
Week 2	Jan. 23	Jan. 24	Jan. 25	Jan. 26	Jan. 27	Jan. 28	Jan. 29
	• Read Week 2 Folder						• Week 2 DQ & Peer Reply Due
Week 3	Jan. 30	Jan. 31	Feb. 1	Feb. 2	Feb. 3	Feb. 4	Feb. 5
	• Read Week 3 Folder						• Week 3 DQ & Peer Reply Due
Week 4	Feb. 6	Feb. 7	Feb. 8	Feb. 9	Feb. 10	Feb. 11	Feb. 12

	• Read Week 4 Folder						• Week 4 DQ & Peer Reply Due • Homework 1 Due
Week 5	Feb. 13	Feb. 14	Feb. 15	Feb. 16	Feb. 17	Feb. 18	Feb. 19
	• Read Week 5 Folder						• Week 5 DQ & Peer Reply Due
Week 6	Feb. 20	Feb. 21	Feb. 22	Feb. 23	Feb. 24	Feb. 25	Feb. 26
	• Read Week 6 Folder						• Week 6 DQ & Peer Reply Due • Homework 2 Due • Exam 1 Due
Week 7	Feb. 27	Feb. 28	Mar. 1	Mar. 2	Mar. 3	Mar. 4	Mar. 5
	• Read Week 7 Folder						• Week 7 DQ & Peer Reply Due
Week 8	Mar. 6	Mar. 7	Mar. 8	Mar. 9	Mar. 10	Mar. 11	Mar. 12
	• Read Week 8 Folder						• Week 8 DQ & Peer Reply Due • Homework 3 Due
Week 9	Mar. 13	Mar. 14	Mar. 15	Mar. 16	Mar. 17	Mar. 18	Mar. 19
	Spring Break, No Class	Spring Break, No Class	Spring Break, No Class	Spring Break, No Class	Spring Break, No Class	Spring Break, No Class	Spring Break, No Class
Week 10	Mar. 20	Mar. 21	Mar. 22	Mar. 23	Mar. 24	Mar. 25	Mar. 26
	• Read Week 10 Folder						• Week 10 DQ & Peer Reply Due
Week 11	Mar. 27	Mar. 28	Mar. 29	Mar. 30	Mar. 31	Apr. 1	Apr. 2
	• Read Week 11 Folder						• Week 11 DQ & Peer Reply Due • Homework 4 Due
Week 12	Apr. 3	Apr. 4	Apr. 5	Apr. 6	Apr. 7	Apr. 8	Apr. 9
	• Read Week 12 Folder						• Week 12 DQ & Peer Reply Due
Week 13	Apr. 10	Apr. 11	Apr. 12	Apr. 13	Apr. 14	Apr. 15	Apr. 16

	• Read Week 13 Folder						• Week 13 DQ & Peer Reply Due • Homework 5 Due • Exam 2 Due
Week 14	Apr. 17	Apr. 18	Apr. 19	Apr. 20	Apr. 21	Apr. 22	Apr. 23
	• Read Week 14 Folder						• Week 14 DQ & Peer Reply Due
Week 15	Apr. 24	Apr. 25	Apr. 26	Apr. 27	Apr. 28	Apr. 29	Apr. 30
	• Read Week 15 Folder						• Week 15 DQ & Peer Reply Due • Homework 6 Due
Week 16	May 1	May 2	May 3	May 4	May 5	May 6	May 7
							• Exam 3 Due
Week 17	May 8	May 9	May 10	May 11	May 12	May 13	May 14
	Finals Week	Finals Week	Finals Week	Finals Week	Finals Week		

Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

Discussion Posts

Introductions: In the first week of class you will be asked to provide a personal biography. In an online setting it is important that we get to know and welcome one another early in the course, since the course will rely heavily on discussions with peers. Please see Blackboard for instructions.

Discussion Questions (DQs): You will be asked to answer weekly DQs relating to the weeks readings. These questions will require critical thinking or applications of course topics and will be used to start the weekly class discussion. DQs will be posted on Sunday evenings prior to Day 1 (Monday) of the week in which it is assigned. Original posts for DQs will be due on the discussion board by 11:59 pm of the assigned date (see course calendar for due dates). You will want to carefully review the Discussion Board Rubric document; this will be used in evaluating your discussion board contributions each week.

Participation (Peer Replies): In addition to answering weekly DQs, you will also be required to interact with your peers in weekly discussions. Your participation grade will consist of replies made to peers. You will be required to reply to at least one peer each week. You are welcome, and encouraged, to post more than the minimum required peer replies, as these discussions make the online experience rich and interactive. The purpose of peer interaction is to aid in processing material, to promote class discussion, and to emphasize the practical applications of some of the concepts learned in class materials and in your readings. Students will NOT be able to make up participation points once the week has ended.

Make-Up Assignments: **No make-up activities are allowed without proper documentation** (e.g., doctor's note, automobile accident report, funeral announcement, etc.). Additionally, make-ups will not be allowed until your

documentation has been verified, which means that documentation must provide a contact name and number. Exceptions will be made for legitimate emergencies at the instructor's discretion (e.g., illness, death in the family), but only if you contact me immediately. Computer problems, like crashes or lost/ corrupted files, are not acceptable emergencies. Be sure to make back-up files of your work. Legitimate make-up work will only be allowed within one week of the missed assignment. If arrangements are not made in a timely manner, I will need documentation (e.g., hospital notice, etc.) explaining the delay. Otherwise, make-ups will not be allowed beyond one week. Since participation must involve classmates, missed participation cannot be made up once a week has ended.

Exams

There will be three exams, worth 100 points each. They will be administered online via Blackboard. You will have one week's worth of time to complete each exam. The first two exams will NOT be cumulative. However, approximately 25% of the third (final) exam may consist of general items found throughout the course. All exams will consist of both multiple choice and problem-solving questions.

Homework Assignments

There will be roughly one homework assignment every two weeks (or one homework assignment for every module). Each time an assignment is given, you are to scan your completed homework assignment (the written portion) and submit it via the designated assignment link in Blackboard before the due date. Promptness and performance are the two main factors that determine your grade on homework assignments.

Please note that for both homework assignments and exams, you need to have a quality scientific calculator.

Grading Matrix:

Activities/Assignments	Value (points)
Personal Introduction	10 points
Discussion Questions (14 total)	35 points (2.5 points each)
Peer Replies (14 total)	35 points (2.5 points each)
Homework Assignments (6 total)	120 (20 points each)
Exams (3 total)	300 (100 points each)
Total:	500

Grade Determination

A = 90% or better (450-500)

B = 80 – 89 % (400-449)

C = 70 – 79 % (350-399)

D = 60 – 69 % (300-349)

F = less than 60% (299 or less)

University Policies and Procedures

Students with Disabilities (ADA Compliance):

Chapter 7(7.004) Disability Accommodations for Students

The University of North Texas at Dallas makes reasonable academic accommodation for students with disabilities. Students seeking accommodations must first register with the Disability Services Office (DSO) to verify their eligibility. If a disability is verified, the DSO will provide you with an accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, DSO notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet/communicate with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Disability Services Office website at <http://www.untdallas.edu/disability>. You may also contact them by phone at 972-338-1777; by email at UNTDdisability@untdallas.edu or at Building 2, room 204.

Blackboard Learn Accessibility Statement:

University of North Texas at Dallas is committed to ensuring its online and hybrid courses are usable by all students

and faculty including those with disabilities. If you encounter any difficulties with technologies, please contact our ITSS Department. To better assist them, you would want to have the operating system, web browser and information on any assistive technology being used. Blackboard Learn course management system's accessibility statement is also provided: <http://www.blackboard.com/Platforms/Learn/Resources/Accessibility.aspx>

NOTE: Additional instructional technology tools, such as Turnitin, Respondus, Panopto, and publisher cartridge content (i.e. MyLab, Pearson, etc.) may NOT be fully ADA compliant. Please contact our Disability Office should you require additional assistance utilizing any of these tools.

Student Evaluation of Teaching Effectiveness Policy:

Student's evaluations of teaching effectiveness is a requirement for all organized classes at UNT Dallas. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider students' evaluations to be an important part of your participation in this class.

Academic Integrity:

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at http://www.untDallas.edu/sites/default/files/page_level2/pdf/policy/7.002%20Code%20of%20Academic_Integrity.pdf for complete provisions of this code.

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

Web-based Plagiarism Detection: Please be aware in some online or hybrid courses, students may be required to submit written assignments to Turnitin, a web-based plagiarism detection service, or another method. If submitting to Turnitin, please remove your title page and other personal information.

Diversity/Tolerance Policy:

Students are encouraged to contribute their perspectives and insights to class discussions in the online environment. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Dean of Students as the instructor deems appropriate.

Technology Requirements:

In order to successfully access the course materials, UNT Dallas advises that your computer be equipped with the minimum system requirements. Blackboard Learn 9.1 is the platform software for this course. Blackboard Learn supports major web browsers such as Windows Internet Explorer, Apple Safari, Mozilla Firefox, and Google Chrome. However, since the latter two are updated continually, some recent versions may not be compatible. If you experience difficulty accessing or using components of the course, try using Internet Explorer. Also, no matter what browser you use, always enable pop-ups. For more information see:

- <http://www.untDallas.edu/dliit/ecampus/requirements>
- https://help.blackboard.com/en-us/Learn/9.1_SP_12_and_SP_13/Student/040_Browser_Support_for_SP_13
- https://learn.unt.edu/bbcswebdav/institution/BrowserCheck/check_full.html