

Syllabus
Statistics for the Behavioral Sciences
Summer 2026

Professor: Tyler Overstreet, PhD	Course #: PSYC 3313, Sec. X30
Office: OD 120	Time: Asynchronous Online
email: tyler.overstreet@msutexas.edu	Office Hours: M-F: 12pm – 1pm; or by appointment

Required Texts:

Essentials of Statistics for the Behavioral Sciences, 10th edition by Frederick J. Gravetter, Larry B. Wallnau, Lori-Ann B. Forzano, & James E. Witnauer

Course Objectives:

This course covers foundational statistical methods and how they apply to social science research. By the end of this course, you should be able to:

1. Understand and apply descriptive statistics, including measures of central tendency and dispersion.
2. Perform and interpret statistical inference, including hypothesis testing via various statistical techniques (e.g., *t*-tests, ANOVAs, correlation, regression).

Course Structure:

1. PowerPoints, assignments, and Exams will be found on D2L
2. I will post a video lecture twice a week (Monday & Wednesday)
3. 5 Weekly homework assignments due each Friday
4. 2 Exams: on week 3 and 5

Course Requirements:

5. ***Exams:** Students will complete ***two*** exams during the semester. Each exam will be worth 100 points for a total of 200 points. These exams will be a mix of multiple-choice and free-response questions assessing your mastery of core course concepts. Calculators will be allowed on exams; however, phone calculators will not be permitted
6. **Homework assignments:** Students will complete 5 homework assignments. These will be based on the in-class lectures and are designed to reinforce the concepts being learned. Homework assignments will always be due on Friday. Each homework assignment is worth 25 points for a total of 125 points towards your overall course grade.

Missing Work:

Missing Exams, Assignments or other Class Work:

Exams: If you miss an exam, you will have the opportunity to make it up during finals week. All make-up exams will take place on Thursday, 7/2. No other opportunities will be provided for make-up exams. If you miss a make-up exam, you will not be given another opportunity (there are no make-ups for the make-up!).

Assignments: All homework or other out-of-class assignments will incur a 5% per day late penalty. This is nonnegotiable.

Grades:

Your final grade in this course will be calculated based on ***325*** total points.

325-293:	A
292-260:	B
259-228:	C
227-195	D
< 194:	F

Email Policy:

You are required to use your MSU Texas email accounts for this class. I will not send emails to any other email accounts. I will also not send out class information to any other email address other than your university email account. ***Before emailing me about your question, make sure that your question has not been answered/addressed in the syllabus or elsewhere!***

When emailing me, please put the course number (PSYC 3313) AND section number (X30) in the subject line. This will immediately let me know which class you are in so I can respond faster. ***If you email me with no context, I will not respond.*** I also ***DO NOT*** respond to any emails during finals week asking for extra credit, additional opportunities to make up missed assignments, or additional points towards your final grade. Please keep this in mind as you go through the semester.

For all other emails, I will try my best to get back to you within 48-hours (during the week) or within 3 business days (weekends, holidays, etc.).

Cell Phones:

Unless you anticipate that you might receive an emergency communication, please turn off your cell phones in class. If you receive an ***emergency*** phone call or text in class, please excuse yourself and quietly leave the classroom to take the message.

Cheating Policy:

Cheating will not be tolerated. Any evidence of cheating on exams or written assignments will result in dismissal from this class with a grade of "F" and referral to the Dean of Students. Cheating includes, but is not limited to, using unauthorized notes of any kind during an exam, looking on another's exam, allowing another student to look on your exam, plagiarism/self-plagiarism, and the use of LLM models such as ChatGPT to generate your assignments.

Desire-to-Learn (D2L):

This course utilizes the MSU D2L program for assignment submission. Relevant course materials will also be posted on D2L. Each student is expected to be familiar with this program as it provides a primary

source of communication regarding general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program.

Disability Services:

Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make necessary arrangements. Students must present appropriate verification from Disability Support Services (DSS) during the instructor's office hours. Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from DSS has been provided.

Change of Schedule:

A student dropping a course (but not withdrawing from the University) within the first 12 class days of a regular semester or the first four class days of a summer semester is eligible for a 100% refund of applicable tuition and fees. Dates are published in the Schedule of Classes each semester.

Course Schedule

A note on the schedule: This schedule represents an ideal outline of what we'll cover in the course. That being said, we may occasionally get behind (or ahead!) of it. If that happens, I will modify the schedule and any exam content accordingly. Updated schedules may be periodically posted on D2L. I will try to send out announcements, but it's important that you regularly attend class!

The Current Schedule

Week	Dates	Topic	Reading	Notes
1	6/1	Intro to statistics	Chap 1 & 2	HW 1: 6/5
	6/3	Frequency Distribution		
2	6/8	Central Tendency	Chap 3 & 4	HW 2: 6/12
	6/10	Variability		
3	6/15	Z-scores	Chap 5, 6, 7	HW 3 & Exam 1: 6/19
	6/17	Probability & The Distribution of Sample Means		
4	6/22	Intro to Hypothesis Testing	Chap 8, 9, 10, 11	HW 4: 6/26
	6/24	T - test		
5	6/29	ANOVA	Chap 12 & 14	HW 5: 7/1
	7/1	Correlation and Regression		
	7/2	Exam 2		Exam 2: 7/2