

Syllabus, Math 308, Spring 2024

Section 39480

Lecture: MWF 2:00-2:50, KAP 140

Instructor: Michael A. Hall **Email:** hallma@usc.edu **Office:** KAP 446

Professor's Office Hours: TBA

Discussion Sections: TuTh 9:00 - 9:50, CPA 200

Teaching Assistant: Thejanji Gamage **Email:** gamage@usc.edu

Math Center / TA Office Hours

The Math Center (<https://dornsife.usc.edu/mathcenter/>) is located in KAP 263. In the first or second week of classes, your TA will announce office hours which they will hold in the Math Center. You can also visit the Math Center at other times to get help from whoever is there.

Consulting Hours: <https://dornsife.usc.edu/mathcenter/consulting-hours/>

Course Content: Confidence intervals, hypothesis testing, p -values, likelihood ratio, non-parametrics, descriptive statistics, regression, multiple linear regression, experimental design, analysis of variance, categorical data, chi-squared tests, Bayesian statistics.

Prerequisites: Math 307,

Textbook: Wackerly et. al., *Mathematical Statistics with Applications*, 7th Edition.

Grading

An overall percentage score will be calculated according to the following breakdown:

30% Homework 40% Midterm Exams (20% each) 30% Final

Note: Grading issues with should be raised at most one week after the assignment is graded.

Exam Schedule

Midterm 1: Friday, February 16th

Midterm 2: Friday, March 29th

Midterm exams may not be rescheduled except in cases of emergency, or with the instructor's approval two weeks in advance and with supporting documentation. You should notify me as soon as you know about a potential conflict.

Final Exam: Monday, May 6th, 2-4 pm

You must take the final to pass the course.

Learning Environment

Students should strive to create a friendly academic atmosphere. Disruptive behavior will not be tolerated, nor disparaging or hostile comments toward other students.

Disability Services

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be sure the letter is delivered to me as early in the semester as possible. DSP is located in GFS 120 and is open from 8:30am until 4:30pm, Monday through Friday. The phone number for DSP is (213) 740-0776, and their website is <https://dsp.usc.edu/>.

Statement on Academic Conduct

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in SCampus in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in SCampus and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct>.