

Mathematical Statistics
Math 565
Syllabus, Winter, 2010

Class meets Monday and Wednesday 4:00–5:50 p.m., JB 385

Instructor: Dr. Charles Stanton
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Office hours: Tuesday and Thursday, 9–10 a.m.
Monday and Wednesday 12–1 p.m.
and by appointment

Textbook: *Mathematical Statistics with Applications* by Wackerly, Mendenhall, and Scheaffer, Seventh Edition

Prerequisite: Mathematics 465.

Grading: Your grade will be based on homework, two midterms, and a final exam.

Homework	100 pts total
2 Midterms	200 pts total
Final exam	150 pts
Total	450 pts

Grading Scale:

A	92–100
A–	89–91
B+	86–88
B	78–85
B–	74–77

C+	71–73
C	62–70
C–	60–61
D	50–59
F	0–49

Homework: Homework will be assigned and collected weekly. Homework should be done neatly and turned in with problems in the proper order. Since this is an applied subject, arithmetic should be checked. We do not believe in negative variances or probabilities greater than one!

Homework turned in one class session late will be given half credit. Answers to homework will be posted on Blackboard after the end of the class session following the due date, and no credit will be given to homework turned in past this date.

Midterms: The first Midterm will be on Wednesday, February 3, and the second will be on Wednesday, March 3.

Final Exam: Wednesday, March 24, 4 p.m.

Course content. The course will cover chapters six through ten of the text. These chapters cover functions of a random variable, sampling distributions, estimation, properties of estimation, and hypothesis testing. We will start with the Chi-Square test in chapter 14.

Students with Disabilities: If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238

State Budget Closure Days and Furlough Days: Friday February 12 and Tuesday March 2 the campus will be closed. In addition, Dr. Stanton will be on furlough Fridays January 8, January 29, and February 26.

University Policies: Students should consult “Academic Regulations and Procedures” in the CSUSB Bulletin of Courses for the universitys policies on course withdrawal, cheating, and plagiarism.

Last Day to Drop: February 1