

CALIFORNIA STATE UNIVERSITY SAN MARCOS, Department of Mathematics
Fall 2013

Instructor:	Badal Joshi
Course:	Math 242-Introduction to Statistics and Probability MW 8:30 AM – 9:45 AM Markstein Hall 310
Office:	Science Hall II Room 341
Office Hours:	MW 10:00 AM – 11:30 AM
Email:	bjoshi@csusm.edu

REQUIRED TEXTBOOK: Elementary Statistics: A Step by Step Approach (6th Edition) A brief version, by A. Bluman

BASIC SUPPLIES FOR CLASS: Textbook, calculator, access to EXCEL software (available through Cougar Apps).

- Check your email and the course website regularly for announcements regarding this class.
- Please put your electronic gadgets in “silent mode” before class begins.

GRADING: Grade will be assigned based on quizzes, a mid-term exam, a final exam and homework assignments.

Task	Scaled Points	Percent of Grade
Homework	100	10
Midterm Exam	100	25
Quizzes	100	25
Final Exam (Comprehensive)	100	40
Total	500	100

Percent	Course Grade
89.5– 100	A
85 – 89.4	B+
79.5 – 84.9	B
75 – 78.4	C+
69.5 – 74.9	C
60 – 68.9	D
< 60	F

There may be some adjustment to the final letter grade. The above cutoffs give you the worst possible scenario. Your actual grade may be higher than the one dictated by the cutoffs.

MIDTERM EXAM: October 16, 2013, In class

QUIZZES: There will be 7-10 quizzes. Dates will be announced in class.

HOMEWORK: Homework will be collected most weeks, dates TBA

FINAL EXAM: Wednesday, December 11 2013, 0700-0900

ACADEMIC CONDUCT:

You are expected to adhere to standards of academic honesty and integrity, as outlined in the CSUSM Student Academic Honesty Policy. Academic dishonesty will not be tolerated in this class. Disciplinary action may include the lowering of grades and/or the assignment of a failing grade for an exam, assignment, or the class as a whole. I will report academic dishonesty to the Dean of Students; this means that an act of academic dishonesty may result in disciplinary probation, suspension, or expulsion from the university.

HOMEWORK ASSIGNMENTS	
Section, Page	Problems
2.2, Page 61	1, 5
3.1, Page 126	1, 11, 13, 27, 32, 33, 40
3.2, Page 145	1, 2, 3, 4, 11, 33, 35
3.3, Page 161	2, 5, 9, 15, 20b, 20d, 21b, 21 d
4.1, Page 203	3, 5, 7, 8, 13, 25, 31
4.2, Page 212	2, 3, 7, 9, 11, 13, 19, 30
4.3, Page 228	1a,b,c, 3, 7, 8, 9, 11, 25, 27, 31
4.4, Page 241	1, 3, 9, 17, 21, 33, 55, 57
5.1, Page 266	5, 8, 9, 10, 13, 15, 17, 19
5.2, Page 275	1, 3, 11, 15
5.3, Page 285	1b, 1c, 1d, 1f, 1g, 3b, 3c, 3e, 5, 7, 14a, b, 15, 25
6.1, Page 309	1, 3, 4, 5, 7, 9, 11, 13, 27, 31, 33, 35, 43, 45
HANDOUT #1 (Areas under Z, t, Xsq)	
6.2, Page 323	3, 5, 9, 15, 19 (Ans:1927.76 & 1692.24), 35, 36
6.3, Page 336	1, 2, 3, 4, 5, 6, 7, 13, 15, 23
6.4, Page 344	2a, 2b, 2c, 3a, 3b, 3c, 5, 7
7.1, Page 364	1, 2, 3, 4, 11, 13, 23, 25
7.2, Page 372	5, 9, 13, 15
7.3, Page 380	1a, 1d, 3, 5, 15, 19
7.4, Page 388	1, 2, 3a, 3b, 4, 5, 6, 10
8.1, Page 410	2, 5, 6, 7, 9, 11
8.2, Page 420	1, 2, 5, 10
8.3, Page 432	1, 3a, 3b, 3c, 4a, 4b, 4c, 5, 7, 11
8.4, Page 440	2, 3, 4, 9, 15
9.1, Page 475	1, 2, 3, 7, 11
9.2, Page 483	1, 3, 5
9.3, Page 496	1, 3, 5
10.1, Page 541	3, 4, 5,, 11, 15, 17
10.2, Page 549	1, 3, 6, 7, 9, 13,
HANDOUT #2 (Poisson Distribution, Waiting Line)	