

Math 120 – Probability and Statistics

(CRN#20125–101: Spring 2009; MW 4:00 – 5:50 p.m.; Room 616)

Instructor: Kin–Sheng Chang, Ph.D

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Office hours: MW 6:00 pm – 8:45 pm @MATH LAB, Rm 807

Course Description and Objectives	This course covers descriptive statistics, elementary probability theory, and inferential statistics. Topics covered include: summarizing data in tables and graphs, computation of descriptive statistics, sample spaces, classical probability theory, rules of probability, probability distributions, confidence intervals for population parameters, hypothesis testing, correlation and regression and Chi-Square Distribution with applications.
Textbook	Elementary Statistics, 6 th edition, by Allan G. Bluman, McGraw-Hill, 2007.
Homework	55 homework are assigned for every class. The assigned homework must be submitted for grade before the next class meeting. Most of the homework problems are related to topics discussed in the class; some topics may require research. You should be able to work alone on homework problems. If you need help ask me in the Math Lab during my office hours. Your homework should be well organized—named, paged, dated, and stapled (by sections)—in standard 8½ x 11 blue lined papers. You need provide calculations and graphs with as much explanations as possible. The conclusion of each problem must be clearly stated at the end of calculations. Inadequate homework will be rejected.
Ch Test	4 chapter review tests are written test; you must show details of your work.
Final Exam	1 final exam on Wednesday, 05/13/09 at 4:00 – 5:50 pm.
Attendance	You should strictly adhere to the attendance policy as outlined in the college catalog. To encourage your full attendance, 100 bonus points are awarded during the semester; however, 20 points will be deducted from your total scores for each absent without a valid excuse (your working schedule conflict or car problem is not a valid excuse).
Wait-time for late arrival	College Policy: In case the instructor does not arrive at the scheduled class starting time, students are required to wait in the class for 15 minutes (unless otherwise notified by Division). After fifteen minutes, if no further notification from Division, students are free to leave without penalty for absence or late homework.
ADA Statement	Fullerton College is committed to provide educational accommodations for students with disabilities upon the timely request by the student to the instructor. Verification of the disability must be provided. Disability Support Services functions as a resource for students and faculty in the determination and provision of the accommodations.
Emergency Response	Classroom safety rules are posted on the classroom walls. Please also refer to Campus Safety in School Catalog. When strong earthquake occurs, duck, cover, and hold until shock temporarily stop. Follow the area safety monitor’s direction calmly proceed to leave the building.

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Students Responsibility	<p>You are required to attend the class according to the college attendance policy. If you do not attend the second class meeting or missing too many classes, you will be dropped from this class. However, it is still your responsibility to withdraw by the deadline in order to see a W on your transcript rather than an F.</p> <p>No make-up home works, quizzes, or tests are allowed unless a valid documented emergency. Students who miss a class are responsible to learn the material themselves. Students should read ahead before the class to have better understanding the lectures. Questions related to the lectures are always welcome during the class and my office hours.</p> <p>Students are responsible of checking school calendars of course addition, dropping, graduation, final exam etc. Students should follow the school rules and policies in disciplines. Students having any question should ask Division for assistance.</p> <p>Any homework and tests following exactly same logics and patterns as others will be suspected as cheating. A student who cheats can expect a zero for that homework or test, failing grade for the semester, reprimand from Division, and record in the transcript.</p>
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Grading Policy

Your final course grade will be determined by your total earned scores:

<u>Total scores</u>	<u>Letter Grade</u>	<u>Percent</u>
1200 – 1001	A	(> 84%)
1000 – 901	B	(> 75%)
900 – 701	C	(> 58%)
700 – 550	D	(> 46%)
550 – 0	F	(< 46%)

The maximum (possible) score points are:

<u>Items</u>	<u>Points</u>	<u>Bonus</u>
55 homework	550	
100% Attendance (Bonus)		100
Absent Class (each time)		-20
4 Chapter Review Tests	400	
1 Final Exam	250	
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TOTAL	1200	