

Stat 145 — Introduction to Statistics

Spring 2005

Instructor:	Erik B. Erhardt
Office:	Hum 346
Office Hours:	M 11:00 – 12:50; W 11:45 – 12:45
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Web Site:	http://www.stat.unm.edu/~erike/
Text:	The Basic Practice of Statistics (3rd Edition) by David S. Moore
Calculator:	A scientific calculator may be used on all homework, quizzes and exams. A calculator with statistical functions (mean, standard deviation, etc.) is recommended but not required.
Grading:	Your grade will consist of four exams and four quizzes. The exams will be worth 200 points (50 points per exam) and the quizzes will be worth 40 points (10 points per quiz). No extra credit work will be assigned under any circumstances. A student who scores 90% or above is guaranteed an A+, A, or A–; 80% or above is guaranteed a B+, B, or B–; etc. Grade cutoffs may be slightly modified at the end of the semester at the discretion of the coordinator. For example, the cutoff for a B– may drop from an 80% to a 78%. You will not be guaranteed a WP if you withdraw from the course; it must be earned.
Homework:	Homework will be assigned but not graded. However, homework problems will form the basis for the quizzes and exams and will be essential to your understanding of the topics covered in class. Homework solutions will be posted on the course web site.
Quizzes and Exams:	If you are going to miss a quiz or exam you must make prior arrangements with me in order to take the quiz or exam before the scheduled date. If you miss a quiz or exam due to an emergency you must provide documentation of the emergency (doctor's note, police report, etc.) in order to take a make-up quiz or exam.
Other Information:	<ul style="list-style-type: none"> • You are responsible for all material covered in class, in assigned readings, and on homework assignments. I encourage you to come to office hours when you have questions concerning the course. • You are expected to attend all classes. If you have three or more unexcused absences you may be dropped from the course (which may result in a WF for the course). Please note that it is your responsibility to drop the course if you decide to stop attending classes. If you don't you will receive an F. • Students are expected to behave in a courteous and respectful manner towards the instructor and their fellow students; this helps create a positive and supportive learning atmosphere in the classroom. Please be on time for your lectures; turn off your cell phone; and refrain from talking, leaving the classroom in the middle of a lecture, or doing any other activity that could be disruptive to the class. • Qualified students with disabilities needing appropriate academic adjustments should contact me as soon as possible to ensure your needs are met in a timely manner. Handouts are available in alternative accessible formats upon request.

Tentative Schedule

Week of	Material Covered	Notes
Jan 17	Introduction Ch. 1	
Jan 24	Ch. 2 Quiz 1	Jan 28 — Last day to add a course or change sections
Jan 31	Ch. 3	
Feb 7	Exam 1 (Ch. 1 — 3) Ch. 4	Feb 11 — Last day to change grading options
Feb 14	Ch. 4 (cont'd) Ch. 5	
Feb 21	Quiz 2 Ch. 7 Ch. 8	Feb 25 — Last day to drop a course without a grade
Feb 28	Ch. 8 (cont'd) Exam 2 (Ch. 4 — 5, 7 — 8)	
Mar 7	Ch. 9 Ch. 10	
Mar 14	Spring Break	
Mar 21	Ch. 10 (cont'd) Ch. 13	
Mar 28	Quiz 3 Ch. 14	
Apr 4	Exam 3 (Ch. 9 — 10, 13 — 14) Ch. 16	
Apr 11	Ch. 17	Apr 15 — Last day to drop a course without approval of college dean
Apr 18	Ch. 18 Quiz 4	
Apr 25	Ch. 20	
May 2	Course review	May 6 — Last day to drop a course with approval of college dean May 7 — Final Exam, 7:30 AM — 9:30 AM

Homework Problems

Chapter	Problems
1	1.1, 1.3, 1.5, 1.7, 1.9 1.11, 1.13, 1.17 1.21, 1.25. 1.26
2	2.1, 2.4, 2.7, 2.8 (ab), 2.9, 2.11, 2.14, 2.29
3	3.7, 3.9, 3.10, 3.11 (ab), 3.12, 3.13, 3.18, 3.19, 3.23, 3.25
4	4.1, 4.4, 4.5, 4.8 (ab), 4.10, 4.13, 4.17, 4.19, 4.30
5	5.2, 5.7, 5.11, 5.13, 5.16, 5.18, 5.25, 5.29, 5.31
7	7.1, 7.3, 7.7, 7.9, 7.11, 7.13, 7.15, 7.19, 7.23, 7.26, 7.33
8	8.1, 8.3, 8.5, 8.8, 8.11, 8.15, 8.23
9	9.1, 9.7, 9.9, 9.13, 9.14, 9.20, 9.22, 9.27, 9.29, 9.31, 9.35, 9.43 (do not use 68-95-99.7 rule)
10	10.1, 10.3, 10.5, 10.7, 10.9, 10.11 (ab), 10.17, 10.19, 10.21, 10.23, 10.29
13	13.1, 13.3, 13.5, 13.7, 13.9, 13.11, 13.15 (a), 13.17 (b), 13.22
14	14.5, 14.6, 14.13, 14.17, 14.19, 14.28, 14.35
15	15.1, 15.5
16	16.1, 16.2, 16.3, 16.5, 16.7, 16.10, 16.12, 16.17, 16.20, 16.33
17	17.5, 17.23 (b), 17.24 (a), 17.26, 17.27, 17.35, 17.41
18	18.1, 18.3, 18.7, 18.9, 18.11 (ab), 18.17, 18.19, 18.21, 18.23, 18.31, 18.33
20	20.2, 20.4, 20.6, 20.8, 20.10, 20.19, 20.21

Homework Solutions are posted at the course website.