

# Stat 145 — Introduction to Statistics

## Fall 2004

Instructor:	Erik B. Erhardt
Office:	Hum 346
Office Hours:	MW 14:00 – 15:00; T 12:30 – 13:30
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Text:	The Basic Practice of Statistics (3rd Edition) by David S. Moore
Calculator:	A scientific calculator may be used on all homework and exams. A calculator with statistical functions (mean, standard deviation, etc.) is recommended but not required.
Grading:	You will be given three in-class exams and a final exam. Each exam will be worth 25% of your final grade. No extra credit work will be assigned under any circumstances.
Homework:	Homework will be assigned but not graded. However, homework problems will form the basis for the exams and will be essential to your understanding of the topics covered in class. Homework solutions will be posted on the course web site.
Exams:	If you are going to miss an exam you must make prior arrangements with me in order to take the exam before the scheduled date. If you miss an 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 exam.
Other Information:	<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> </ul>

## Tentative Schedule

Week of	Material Covered	Notes
Aug 23	Introduction Ch. 1	
Aug 30	Ch. 2	Sep 3 – Last day to add a course or change sections
Sep 6	Ch. 3	Sep 6 – Labor Day (no classes)
Sep 13	<b>Exam 1</b> (Ch. 1 – 3) Ch. 4	Sep 17 – Last day to change grading options
Sep 20	Ch. 4 (cont'd) Ch. 5	
Sep 27	Ch. 7 Ch. 8	Oct 1 – Last day to drop a course without a grade
Oct 4	Ch. 8 (cont'd) <b>Exam 2</b> (Ch. 4 – 5, 7 – 8)	
Oct 11	Ch. 9	Oct 14, 15 – Fall Break (no classes)
Oct 18	Ch. 10 Ch. 13	
Oct 25	Ch. 13 (cont'd) Ch. 14	
Nov 1	Ch. 14 (cont'd) <b>Exam 3</b> (Ch. 9 – 10, 13 – 14)	
Nov 8	Ch. 16	Nov 12 – Last day to drop a course without approval of college dean
Nov 15	Ch. 17	
Nov 22	Ch. 18	Nov 25, 26 – Thanksgiving Break (no classes)
Nov 29	Ch. 18 (cont'd) Ch. 20	
Dec 6	Course review	Dec 10 – Last day to drop a course with approval of college dean Dec 11 – <b>Final Exam</b> , 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.