

# MATH 230 STATISTICS I Spring 2000

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- Text: Statistics and Data Analysis, 2nd ed., by Siegel and Morgan (purple book)  
Minitab Guide for above  
(There is an Instructor's Solutions Manual on reserve under my name.)
- Software: Minitab (You will need to use the college computers or buy the Student Edition of Minitab to run on your own PC or Mac.)
- Other: A stapler and a calculator.

The syllabus below shows most of the things you will be expected to do in this course. In addition, there will be (sometimes unannounced) quizzes.

ue	Text	Exercises	Do Problems at end of chapter	Minitab Guide	Minitab Assignments
2FB	Ch.1 CH.2	----- 1-6,11-13,15, 19-25	1 1-8, 10, 12, 14-16,23-24,29.	----- pages 1-11	----- -----
4FB	Sec. 3.1-3.3	1-4,7	1	extra pages at end	-----
7FB	Sec. 3.4-3.5	9,11,13,14,18,20-22,37-39	1,2,9,22.	-----	2-A
9FB	Finish Chapter 3	23,26,28,31,35,36	4,13,16,18,19	pages 12-21	
11FB	Sec.4.1-4.2	1,6-9,12,15-19	4,20-22.		
14FB	Sec. 4.4-4.5	27	21. Also use the method for grouped data to find the mean, variance, and std. dev. of the data in Exercises 20 (p.84), 10 & 11 (p.115), 13 & 14 (p.117) and Table 4.4 (p.120).	pages 23-30	3-D
16FB	Ch.6	1, 2	1, 2, 14.	pages 31-40	3-J, 4-A, 4-F

ue	Text	Exercises	Do Problems at end of chapter	Minitab Guide	Assignments
18FB	Ch.5	1-3, 11-13	8.	pages 42-49	5-A, 5-B
21FB	Sec.12.1-12.2 Sec.13.1	----- -----	20 -----	pages 90-100 pages 112-118	3-F, 12-E 13-A

23FB Review

## 25FB **25 FEBRUARY EXAM I**

28FB	Sec. 14.1		1-3, 8	-----	3-I
1MR	Sec.15.1-15.2	2,4,5,7,8	2, 11	pages 143-156	15-D, 15-E
3MR	Sec.7.1-7.2	1, 2, 6, 9	1-7, 22.	-----	-----
6 MR	Sec. 7.3-7.4, 7.11	14, 18, 19, 21, 24	8-13, 23.	-----	-----
8MR	Sec.7.5-7.8	28-30,32,34,36,37,46,47,49-51	15	-----	-----
10MR	Sec.7.9-7.10 Sec. 14.3 & Ex.14.7 (pp.494-495) &14.8 (pp.499-501)	52-54 3, 4	28-32. 1, 2.	50-60	-----
13MR	Sec. 8.1, 8.6	1-3, 37-40	1, 2, 6, 7.	61-63	7-A, 14-D, 14-E

15MR Review

## 17MR **17 MARCH EXAM II**

27MR	Ch.9 (except pp.297-300)	1-4	1, 6, 12-15, 20, 23-24.	77-78	8-A, 8-B
29MR	-----	-----		65-75	9-E, 9-F
31MR	-----	Exercises in Minitab Guide, pp.75-77.		-----	9-B
3AP	Sec.10.1-10.3	1-8, 12, 13, 17, 19	1-5. Use the methods for grouped data in 5.	-----	10-A, 10-E
5AP	Sec.10.5-10.7	24-31	8-12,14-16.	80-83	10-B, 10-C, 10-D
7AP	Sec.11.1-11.3 to p.360	5-7, 9-11	6, 7, 10-11.	83	

ue	Text	Exercises	Do Problems at end of chapter	Minitab Guide	Assignments
10AP	Sec.11.3-11.6	12, 13, 20-23	12, 17, 22, 23.	84-85	-----
12AP	Sec.11.8	28-31	15, 16.	86-88	11-A , 11-B, 11-C
14AP	Sec.12.1-12.3,12.5	4	1, 2, 16-18, 30, 31.	88-101	-----
17AP	Sec.12.6-12.7	7-10	10.	104-108	12-D, 12-F, 12-H, 12-I
19AP	Review			-----	-----

21AP **21 APRIL EXAM III**

24AP	Sec.14.1-14.2	1, 2	5, 6	133-135	14-A, 14-B
26AP	Sec.14.3-14.5	3, 4, 8, 11, 12, 15-18, 20, 21	1-4, 7-9.	135-142	14-F, 14-H, 14-I
28AP	Sec.13.1-13.3 (but we will not do the calculations that way).	3, 5	5, 7, 14, 15.	-----	-----
1MY				117-131	13-B, 13-D, 13-I
3MY	Sec.15.1-15.2	1,3,6-8	3, 10.	-----	-----
5MY	Sec. 15.3 (except pp.534-6&542-3)	13-15	-----	143-156	15-A,15-B
8MY	Sec.15.4	19-22	-----	-----	-----
10MY	Sec. 15.5	23-28	5-6.	156-157	15-C, 15-F, 15-H, 15-J
12MY	Review				-----

**FINE PRINT**

Weights for Final Grade	
Hour Exams	15% each
Final	25%
Homework & Quizzes	30%

**Attendance Policy:**

There are no makeups on quizzes and late homework assignments are not accepted. A "perfect" score on these is 80% of total possible points, i.e., you can miss 20% and still get an A. This should be more than enough to cover any reasonable absences or excuses.

If you miss an hour exam, your grade on the final exam will be used in its place.

**Exams:**

You may bring a 3X5 card to Exam I, 2 to Exam II, etc. Notecards and calculators may be used on all exams and quizzes. You may not share calculators or notecards during an exam or quiz.

**FINAL**

**17 May Wed. 11:00**