

statistical concepts and methods
204 lind hall, mtrf, 11:00 – 11:50 a.m.
103 bouillon, w, 11:00 – 11:50 a.m.

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office hours: 10:00 – 10:50 mtwrf, or whenever my office door is open (although 11:00 – 2:00 will usually be a bad time). of course, if none of these times will work for you, please feel free to make an appointment.

school closure: phone 963-2345 for messages if CWU closure after 6:45 A.M.

textbook: *Introduction To The Practice of Statistics*, by Moore, McCabe & Craig, 6th edition.

final exam: thursday, march 18. 8:00 – 10:00 a.m.

course description: this course is designed to acquaint you with the basic notions of descriptive and inferential statistics and especially to make you a more intelligent consumer and appraiser of statistics. this is important as most of you will have far more exposure to other peoples' uses (and misuses) of statistics than you will have to your own. Topics include, but are not limited to:

- descriptive statistics
- regression
- inference for distributions
- analysis of two-way tables

course goals: students will gain an understanding of statistical principles and their uses. they will learn how to collect and effectively present data, examine data for patterns and relationships, and analyze data to draw conclusions. they will learn to interpret and judge statistical information in the world around them, and to critically appraise statistical arguments encountered in the media.

course conduct: to achieve success in any mathematics class, *regular attendance is imperative*. unlike most non-mathematical subjects (except, possibly, foreign languages), new topics in statistics build on previous knowledge; **failure to learn a topic early and thoroughly will haunt you throughout the course.**

grading: grades will be determined by the following:

- a. three 100-point exams. see reverse for approximate dates.
- b. several equally weighted quizzes and lab reports which will be, in total, worth 150 points. the lowest quiz score will not be considered. the lowest lab report **will** be considered
- c. a comprehensive final exam worth 100 points (replaceable with a final project – more on this later).

note: no (this means **NO! NO! NO! NO! NO! NO! NO! NO! NO!**) makeup quizzes will be given and neither will any be given in advance. neither will homework/take-home projects be accepted late. arrangements must be made **prior** to an exam that will be missed – makeup exams are given only in extraordinary circumstances.

grades can be roughly predicted with the following scale:

	100 - 93% = A	92.9 - 90% = A-
89.9 - 87% = B+	86.9 - 83% = B	82.9 - 80% = B-
79.9 - 77% = C+	76.9 - 73% = C	72.9 - 70% = C-
69.9 - 67% = D+	66.9 - 63% = D	62.9 - 60% = D-
	59.9 - 0% = F	

lastly: students with disabilities who wish to set up academic adjustments in this class should give me a copy of their “Confirmation of Eligibility for Academic Adjustments” from the Disability Support Services Office as soon as possible so we can meet to discuss how the approved adjustments will be implemented in this class. Students with disabilities without this form should contact the Disability Support Services Office, Bouillon 205 or dssrecept@cwu.edu or 963-2171 immediately.

math 311, winter term 2010

mwr 11:00 - 11:50 a.m. 204 lind

t 11:00 - 11:50 103 bouillon

monday	tuesday	wednesday	thursday	friday	topics covered
	5-Jan Start!	6-Jan Change	7-Jan of	8-Jan Schedule	1.1, 1.2, 1.3
11-Jan Period	12-Jan	13-Jan	14-Jan	15-Jan	2.1, 2.2, 2.3
18-Jan MLK Jr. Day	19-Jan	20-Jan	21-Jan	22-Jan	2.4, 2.5, 2.6
25-Jan	26-Jan	27-Jan	28-Jan	29-Jan	exam 1, 4.3, 4.4
1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	5.1, 5.2
8-Feb	9-Feb	10-Feb	11-Feb	12-Feb	6.1, 6.2, 6.3
15-Feb Pres Day	16-Feb	17-Feb	18-Feb	19-Feb	exam 2, 7.1
22-Feb	23-Feb	24-Feb	25-Feb	26-Feb	7.2, 8.1, 8.2
1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	exam 3, 9.1,
8-Mar	9-Mar	10-Mar	11-Mar	12-Mar Last Day!!!	9.2, review
15-Mar Study Day	16-Mar	17-Mar	18-Mar final exam	19-Mar	final exam!

note: this is only a tentative course schedule and may change at any time for any number of possible reasons