

math 311
2008

winter

statistical concepts and methods
205 phys ed, mtrf, 11:00 – 11:50 a.m.
103 bouillon, w, 11:00 – 11:50 a.m.

instructor: dr. tim englund

office: 107f bouillon

homepage: <http://www.cwu.edu/~englundt>

office hours: 9:00 – 9:50 mtwrf, or whenever my office door is open (although 8:00 – 9:00 and 11:00 – 2:30 will usually be a bad time). of course, if none of these times will work for you, please feel free to make an appointment.

e-mail: tim.englund@cwu.edu

office phone: 963 - 1759

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, 5th edition.

final exam: wednesday, march 12. 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:

- three 100-point exams. see reverse for approximate dates.
- several equally weighted quizzes and projects which will be, in total, worth 150 points. the lowest quiz score will not be considered.
- a comprehensive final exam worth 100 points (replaceable with a 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 dssreceipt@cwu.edu or 963-2171 immediately

math 311.01 winter term 2008

mtrf 11:00 - 11:50 a.m. 205 phys
w 11:00 - 11:50 103 bouillon

monday	tuesday	wednesday	thursday	friday	topics covered
	1-Jan	2-Jan	3-Jan	4-Jan	1.1, 1.2, 1.3
			Start!	Change	
7-Jan	8-Jan	9-Jan	10-Jan	11-Jan	1.3, 2.1, 2.2
of	Schedule	Period			
14-Jan	15-Jan	16-Jan	17-Jan	18-Jan	2.3, 2.4, exam 1
21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	4.3, 4.4
MLK Jr. Day					
28-Jan	29-Jan	30-Jan	31-Jan	1-Feb	5.1, 5.2
4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	exam 2, 6.1, 6.2
11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	6.3, 7.1
				Uncontested Withdrawn	
18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	7.2, 8.1, 8.2
Pres Day					
25-Feb	26-Feb	27-Feb	28-Feb	29-Feb	exam 3, 9.1,
3-Mar	4-Mar	5-Mar	6-Mar	7-Mar	9.2, review
				Last Day!!!	
10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	final exam!
Study Day					

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