

statistical concepts and methods  
215 bouillon, mtwr, 11:00 – 11:50 a.m.  
103 bouillon, f, 11:00 – 11:50 a.m.

**instructor:** dr. tim englund

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**office phone:** 963 - 1759

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

**office hours:** 9:00 – 9:50 mtwrf, or whenever my office door is open (although 10:00 – 1:00 and tuesday & thursday afternoons will usually be a bad time). of course, if these times don't work, 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, 5<sup>th</sup> edition.

**final exam:** tuesday, june 3. 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, in total, will be worth 150 points. the lowest quiz score will not be considered.
- c. 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 [dssrecept@cwu.edu](mailto:dssrecept@cwu.edu) or 963-2171 immediately.

# math 311.02 spring term 2008

mtwr 11:00 - 11:50 a.m. 215 bouillon  
f 11:00 - 11:50 103 bouillon

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

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