

Instructor: Dr. Jeff Baggett
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	Monday	Tuesday	Wednesday	Thursday	Friday
8:50-9:45	Math 145 Cnt 3101	Math 145 Cnt 3101	Math 145 Cnt 3101	Math 145 Cnt 3101	
9:55-10:50	Math 145 Cnt 3101	Math 145 Cnt 3101	Math 145 Cnt 3101	Math 145 Cnt 3101	
11:00-11:55	Not Avail.		Not Avail.		Not Avail.
12:05-1:00	Math 353 CH 111		Math 353 CH 111		Math 353 CH 111
1:10-2:05	Office	Office	Office	Office	
2:15-3:10	Math 051* Cnt 2211	Math 051* Cnt 2211	Math 051* Cnt 2211	Math 051* Cnt 2211	
3:20-4:45			Not avail.	Mtg. some weeks	

* Starting October 24

CELL PHONE POLICY: CELL PHONES SHOULD BE PUT AWAY (PUT THEM IN YOUR BACKPACK OUT OF REACH SO YOU WON'T BE TEMPTED). CELL PHONES DISTRACT ME, YOU, AND YOUR CLASSMATES. IF YOUR CELL PHONE MAKES A NOISE WE CAN HEAR OR IF YOU ARE TEXTING (OR READING TEXTS), THEN YOU GET TO BRING COOKIES FOR THE ENTIRE CLASS. CELL PHONE = COOKIES.

Course Description: This is an introductory course covering fundamentals of modern statistical methods in the context of biology. Topics include descriptive statistics, the binomial and normal distributions, estimation, and hypothesis testing. The z , t , F , and *chi-square* test statistics are introduced. Instruction in computer use is included.

Textbook: *Biostatistics*, by Triola and Triola.

Prerequisite: MTH 050 or equivalent placement.

Course Procedure: *Come to class prepared.* Read ahead before class. *Attendance is required.* Do your homework and keep up as that is how you learn, but I don't collect it. *Don't fall behind.* Be on time to class - coming in late is disruptive.

Getting Help: Ask questions during class. See me during office hours or just stop by to see if I'm available. Visit the tutor room in 256 Murphy (more info on the back). *Ask for help when you need it.*

Calculators: You *must* have a calculator that will do one and two variable statistics. The TI graphing calculators are generally quite good, particularly the TI-83 or TI-83+. (*TI-83(83+,84): I highly recommend that you borrow one of these for the semester if you don't already have one, it will make your life MUCH simpler!*)

Homework and other assignments: Homework is the primary way for you to learn statistics. I do not collect homework, but if you do not do it you will not learn the material and will not do well on the exams. Most of the homework will consist of assigned problems from the book, but I may also assign additional problems as well as occasional problems that require you to use statistical software. *NEW: I will probably assign and collect some assignments that emphasize learning and using SPSS - maybe 1-3 or more ... more details soon.*

Exams and Quizzes: There are three exams, plus a final and ten quizzes:

- Exam 1: Tuesday, 9/27
- Exam 2: Tuesday, 10/25
- Exam 3: Tuesday, 11/29
- Final Exam (new material and comprehensive): Saturday, 12/17, 4:45 p.m. - 6:45 p.m.
- Quiz: every week, usually on Tuesday. Lowest two quizzes will be dropped. Likely quiz dates: 9/13, 9/20, 10/4, 10/11, 10/18, 11/1, 11/8, 11/15, 11/22, 12/6.

Except for the final, the exam dates are subject to change. If you have a very good reason for missing an exam, then you must arrange it with me BEFORE the exam. Failure to do so will result in a score of zero for that exam. There are NO make-up quizzes.

Grades:*Worksheets and Exams*

Number / Type	Points
Quizzes (10 quizzes, drop lowest 2)	120
3 Exams	$3 \times 100 = 300$
SPSS projects & other	0 or more
Final Exam	$1 \times 150 = 150$
Extra Credit	0
Total	570 or more

Grade Ranges

A	at least 92%
AB	at least 88%
B	at least 82%
BC	at least 78%
C	at least 70%
D	at least 60%
F	below 60%

Q1	Q2	E1	Q3	Q4	Q5	E2	Q6	Q7	Q8	Q9	E3	Q10	Fin

Notes:

1. One 8.5" by 11" piece of paper (full sheet - both sides) containing *formulas only* may be used during the exams and quizzes. You allowed a two-page formula sheet for the final.
2. Any student with a documented disability (e.g., physical, learning, psychiatric, vision, or hearing, etc.) who needs to arrange reasonable accommodations must contact the instructor and the Disability Resource Services office (165 Murphy Library) at the beginning of the semester. Students who are currently using the Disability Resource Services office will have a copy of a contract that verifies they are qualified students with disabilities who have documentation on file in the Disability Resource Services office.
3. (Copied from the website) **Murphy Learning Center** Need help with your homework? Not sure how to review for a test? Come to the Murphy Learning Center located in 256 Murphy Library where experience tutors, staff, and faculty can assist you with your understanding of mathematics. Check out the schedule at <http://www.uwlax.edu/mlc/math>. Additionally, there are peer review sessions available for this course (MTH 145, 150, 151, 207). See the website for details.