

**Mathematics 263, Sections 8, 9 and 10**  
**Introduction to Statistics and Biostatistics**  
**Spring 2011**

**Overview.** Statistics is the field of study involving (1) the collection, summarization, and analysis of data; and (2) the drawing of inferences about a population from the examination of a sample of the population. The goals of this course are to introduce each student to the practice of statistics and to prepare each student for future work in statistics.

**Instructor.** Name: Kerima Ratnayaka  
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**Office Hours.**

Wednesday 11-1pm  
Friday 10-12pm  
or by appointments

**Class Meetings.**

**Section 8(11-12:15pm)**

**Section 9(12:15-1:45pm)**

**Section 10(3:30-4:45pm)**

**Textbooks.** Introduction to the Practice of Statistics, 6th Edition, by David S. Moore & George P. McCabe is required.

**WebAssign.** Required for Online HW

*Instructions for WebAssign:* To create an account for this class go to <http://webassign.net>, click on the Log-In button, then click on the I Have a Class Key button. Class key information(PLEASE USE THE CORRECT CLASS KEY to enroll into the CORRECT SECTION)

**Section 8(11-12:15pm):     arizona 9910 1701**

**Section 9(12:15-1:45pm):   arizona 9599 2405**

**Section 10(3:30-4:45pm):   arizona 8704 5054**

You must do this even if you have used WebAssign in the past or are using it for another course this semester. There is a 14-day grace period (from the first day of classes) before you must purchase/ submit your **access code for this class**. Each time you log-in, you will see a reminder.

**Calculators.** Each student is required to have, and to know how to use, a graphing calculator that can do the statistical calculations correlation and linear regression. Some examination questions will require the use of such calculators. No calculator swapping will be permitted during exams. In the classroom, the Texas Instruments TI-84 will be used.

**Class Attendance.** Attendance is expected and is obviously in a student's best interest. Students are responsible for all information provided in class and on the course web page. Class roll will be taken periodically. Any student who is excused from class for attendance at an officially authorized event must provide a written excuse signed by the Dean of Students no later than one week after the absence. Electronic devices such as cell phones, pagers, watch alarms, etc. must be turned off during class.

**Examinations.** Three midterm examinations are tentatively scheduled on February 3rd(Exam 1), March 3rd(Exam 2) and April 19<sup>th</sup>(Exam 3).

The final examination (The final exam will be in the regular classroom as scheduled by the University)

**Section 8 - May 10<sup>th</sup>, 2011 from 10:30-12:30pm**

**Section 9 - May 11<sup>th</sup>, 2011 from 1-3pm**

**Section 10- May 11<sup>th</sup>,2011 from 3:30pm-5:30pm**

Unless there are extenuating circumstances, a missed midterm examination or a missed final examination will result in a score of zero for that work. **Makeup tests are given only at the discretion of the instructor.**

If a student earns a higher percentage on the final examination than on one of the midterms, then the student's lowest midterm score will be replaced by the percent scored on the final examination(Note: You will have to take the midterm exams and earn a score to qualify for this policy).

Homework/Quizzes.

**Homework & more Section Policies**

- The **Excel** assignments, Written **homework** and **pop** quizzes account for 100 points of your final grade.
- Calculation Formula.

$$\frac{\text{Total Score earned}}{\text{(Total possible points - 10 \% of the total possible points)}} * 100$$

[Note the maximum points you can earn is **100** points]

- The Online **WebAssign** homework account for 100 points of your final grade.
- Calculation Formula.

$$\frac{\text{Total Score earned}}{\text{(Total possible points - 10 \% of the total possible points)}} * 100$$

[Note the maximum points you can earn is **100** points]

- Homework will be assigned **regularly**.

- Selected homework will be graded and returned at a regular basis.
- **LATE HOMEWORK WILL NOT BE ACCEPTED.**
- Homework will be due at the **beginning of the class.**
- Your name, Section Number and the Instructor's name should be PRINTED on the first page of homework.
- Multiple pages should be stapled together.
- Answers for Each problem should be neatly written, with **all intermediate steps included and the problem number clearly marked.** Written explanations should be included whenever appropriate. Include units on answers. Graphs should be labeled, with the window clearly marked. **You need to show all workings to earn full credit.**
- **You will not be given credit for problems that are not legible.**
- Please remember that **No extra credit** is permitted
- There will be **frequent pop quizzes. Quizzes** may be **announced or unannounced**, and **no make-up quizzes** will be given.
- **Most homework questions are to be handled during your instructor's office hours and in the tutoring room.** When time allows, I will discuss solutions to homework problems or to problems similar to those on the homework. This usually involves one or two problems. Class time is devoted to the explanation of the current topic and to the solution of problems involved with this topic.
- **YOU NEED TO SHOW WORK(ALL RELEVANT STEPS) TO EARN FULL CREDIT**

**IMPORTANT (Section 8,9,10 Policies –In addition to the Course Policies)**

- If you are dissatisfied with a grade you are welcome to discuss it with me during office hours
- Class time will not be used for this purpose.
- **You must make an appointment and discuss the grade within 7 academic days of receiving the relevant exam/HW/quiz back from me.**

**All students must come ON TIME for class and NO TALKING DURING THE LECTURE.**

**YOU MUST READ THE RELEVANT LESSON and do your PREP WORK(ACCORDING TO THE SYLLABUS and prepwork sked) BEFORE YOU COME TO CLASS.**

**Course Grades.** Midterm examinations will be worth 100 points each, and the final examination will be worth 200 points. Excel assignments and written homework/quizzes will be worth 100 points, Online WebAssign assignments will be worth 100 points. At the end of the Semester, grades will be assigned based on the following scale:

| Total Points | Grade |
|--------------|-------|
| 630-700      | A     |
| 560-629      | B     |
| 490-559      | C     |
| 420-489      | D     |
| 0-419        | E     |

All electronic devices, particularly cell phones, must be turned off during all exams. Silence and vibration modes are not allowed. The University's Exam regulations for final exam week will be strictly followed, in particular those regarding students with multiple exams on a single day. Now is the time to find out if you have a problem with multiple exams on a single day.

**Dropping The Course.** The last day to drop without a signature is Tuesday, February 8 and the last day to drop with a grade of "W"(if passing) is Tuesday, March 8.

**Incomplete Grades.** If a student fails to complete the course due to circumstances unforeseen, then he or she may qualify for a grade of I, "incomplete" if the conditions are met:

1. The student has completed all but a small portion of the required work.
2. The student has scored at least 50% on all work completed.
3. The student has a valid reason for not completing the course on time.
4. The student agrees to make up the material in a short period of time.
5. The student asks for the incomplete before grades are due - 48 hours after the final exam.

**University Policies.** Students are expected to be familiar with and abide by the University of Arizona's Code of Academic Integrity, Student Code of Conduct, and Official Student Email Policy. These policies will be strictly enforced, and any student found to be in violation will be appropriately sanctioned.

**Students with Disabilities.** If you anticipate issues related to the format or requirements of this course, please meet with your instructor to discuss ways to ensure your full participation in the course. If you determine that formal disability-related accommodations are necessary, it is very important that you be registered with Disability Resources (621-3268; [drc.arizona.edu](http://drc.arizona.edu)). You should notify me of your eligibility for accommodations by Friday, January 21, 2011. You and I can then plan how to coordinate your accommodations.