Math 201, Statistics, Spring 2015

Welcome to Statistics! This course emphasizes statistical literacy and the development of statistical thinking. Calculations are necessary, but numeric procedures and computation are not the focus of the course; we will use scientific calculators and StatCrunch to help with many of the mechanical skills required. Developing statistical thinking and understanding is more valuable than knowing how to calculate, and more challenging. Be prepared for a course filled with real world applications, but applications unlike anything you might have seen in algebra courses.

A study of both descriptive and inferential statistics. Topics for the course include: data presentation, and analysis, measures of central tendency and dispersion, sampling distributions, parameter estimation/confidence intervals, hypothesis testing, and linear regression.

See Math 201, Statistics, WWCC Master Course Outline at wwcc.edu for course content.

Instructor

Eric Schulz, Office 16A (on first floor of the Main building across from Room 121)
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office hours: 8:30-9:20 daily, and by appointment

Materials

**Elementary Statistics, 12th edition**, by Triola, published by Pearson Education. The etext is published in MyMathLab.com. The print text is available to purchase (optional). You may choose to purchase only a MyMathLab access code, or purchase the print text bundled with a MyMathLab access code. The MML access code is valid for the life of the etext.

Success in the course requires you actively use the text by reading and taking notes. A statistics text is very different from an algebra text. To best position yourself for success in the course, budget time to read the text. Your success in mastering statistics depend on your actions and engagement with the material.

**Scientific calculator** Any scientific calculator capable of doing statistical calculations is sufficient.

Attendance

Attendance at every class session is expected. I understand absences are sometimes unavoidable and will work with students when such occasions arise. In the event of an absence occurring on the date of a scheduled exam, prior arrangements must be made in order to schedule an alternate time to take the exam. Don’t miss an exam or quiz without contacting me beforehand and then ask when can you make it up. You won’t like the answer.

Computers, cellphones, and tablets

Your behavior in class must be respectful of others around you. Using with your device in class for talking, texting, tweeting, facebooking, gaming, and so forth is a disruption to those around you and me. Please silence your device when entering the classroom and do not use it for these reasons.

You are welcome to use your device as a mathematical and educational tool. If you use your device during class for reasons not related to course material, then you decide whether to give me your device or leave with the device for the remainder of class.

Homework

Homework will generally be assigned and submitted in MyMathLab (MML). Each section homework
Homework will generally be assigned and submitted in MyMathLab (MML). Each section homework assignment is worth 6 points.

**Quizzes**

Paper and pencil quizzes will be given in class. Not all quizzes will be announced before being given. Each paper and pencil quiz is worth 4 points.

**Exams**

There will be three one-hour exams worth 100 points each, and one two-hour comprehensive final exam worth 150 points given at the time scheduled by the college. Detailed work must be shown on all exams for credit to be given (exam questions are not multiple choice). Cell phones and headphones are not allowed during exams; each student must have their own scientific calculator for exams. If you are unable to make a scheduled exam, you must contact me before the exam to make alternate arrangements; that is, if you miss an exam and fail to contact me before the scheduled exam time, then you will receive a score of 0 on the exam.

**Grade**

The course grade is determined by dividing the points earned on all assessments in the course by the points possible in the course:

- 93% to 100% : A
- 87% to 89.9% : B+
- 77% to 79.9% : C+
- 67% to 69.9% : D+
- 90% to 92.9% : A−
- 83% to 86.9% : B
- 70% to 76.9% : C
- 60% to 66.9% : D
- 80% to 82.9% : B−
- 0% to 59.9% : F

Math 201 covers 28 sections in Chapters 1, 2, 3, 4, 6, 7, 8, 9, 10, and 11 of the textbook; thus, there will be approximately 678 points to be earned in the course:

- section assignments: 168 = 28(6)
- paper and pencil quizzes: 60 = 4·15 (approx.)
- one-hour exams: 300 = 3·100
- comprehensive final exam: 150

**Total** 678

**Notes**

To request accommodations related to a disability, contact Claudia Angus, Ph.D., Coordinator of Disability Support Services, at 527-4262 or email claudia.angus@wccc.edu.