Math 2204, Elementary Statistics

Fall 2014

Instructor: Dr. Kailash Ghimire

Office Hours: CWH #206, Tuesday and Thursday 9:00 am – 11:00 am or by an appointment.

Contact: ghimire@gsw.edu, Phone: (229) 931-7350

Test Dates: October 3 and December 6, 2014 (proctored by proctorU)

Note that your radar email is the official email of communication between students and the university. Make sure to check both emails frequently. Note that the mail that you share on GeorgiaView can be seen by other students too.

Course website: https://gsw.edu/GeorgiaVIEW/index This course will be conducted through GeorgiaView Course Management System. It is students’ responsibility to check the announcements, assessments, and other information in GeorgiaView.

HOW TO LOG IN TO GeorgiaView

1. Go to www.gsw.edu and then click arrow next to GSW Community Lings in the left column on the GSW home page. Select GeorgiaView from the drop-down menu.
2. Click the link log into GeorgiView(D2L) and enter your username and password. The page will look like:

   ![GeorgiaView Log In Screen]

   Your username.

   Your password.
BROWSER CHECK, DOWNLOADS AND OTHER USEFUL LINKS

If you work on your personal computer, it is your responsibility to check the browser and tune the browser up so that you will not have any technical difficulties to view the course contents. For this, you must check and tune up your browser to ensure that you use a supported browser. For this, the GeorgiaView main page gives the instructions. Also, you need to have compatible plug-ins into your system. The link "Downloads" will be a help for this.

If you experience technical problem with GeorgiaView, you may contact an online support service (24x7 support ) at http://help8.view.usg.edu/ or GSW GeorgiaView help at gaview@canes.gsw.edu. GSW GeorgiaView help is available Monday-Friday during business hours only.

AFTER LOGIN TO GeorgiaView ACCOUNT:

After you login to GeorgiaView Account, select Elementary Statistics-Fall 2014 Math-2204. Then it will direct you a page that looks like which contains course contents, links and information. It is your responsibility to check the frequent course announcements.

IMPORTANT NOTES:

1. You need to verify your enrollment sending me an email through GeorgiaView by the end of the first week of the semester, that is by August 26, 2014. Failure to send such an email may result withdrawal/drop from the class.
2. It is students responsibility to manage technical specifications compatible with GaView and ProctorU.
3. There will be no retake or make-up for the tests. So, make sure to take the tests on the scheduled day and time.
4. Providing the right submission through GeorgiaView is a part of your assignment. No other submissions (e.g. handing in floppy disk, CD, USB flash drive, or sending as an email attachment) will be accepted until specified. Use your USB storage devices to save your intermediate results and provide the final submission only via GeorgiaVIEW Assignments Tool.
Both the tests will be proctored by ProctorU. Please go to http://proctoru.com/portal/gsw for more information. Students are responsible for managing all technical specifications for ProctorU. GSW will cover the cost of the proctored exams. However, students will be responsible for paying extra fees for scheduling less than 72 hours prior to the test.

COURSE REQUIREMENTS and DESCRIPTION

TEXTBOOK AND MATERIALS: The Basic Practice of Statistics, 6th ed., Freeman, by David S. Moore (you may use the 5th edition, but make sure you are on the same pace)

COURSE OBJECTIVES:

After completing this course, students will have acquired knowledge of

(a) Descriptive statistics

(b) Appropriate sampling techniques and experimental methods

(c) Basic probability theory including probability distributions)

(d) Basic inferential statistics including confidence intervals and tests of significance)

(e) The use of technology (particularly a TI-83 or 84 calculator) as a tool in statistical analysis

Student Learning Outcomes: The student will be able to collect, organize and analyze data. The student will be able distinguish between correlation and cause and effect. The student will become competent with the various statistical distributions covered. Facility with elementary counting and probability is an important underlying skill. Competence with data analysis and inference is a primary goal.

COURSE DESCRIPTION

This course begins the study of statistics and probability. In particular, it will include the study of the nature of statistics, the fundamental concepts of probability, the methods of collecting and analyzing data, and the techniques of making inferences based upon data. Technology, in the form of graphing calculators and statistical software, will be integrated into the course. We will discuss distributions (including the binomial, normal, and student t distributions), elementary descriptive statistics, elementary probability, sampling, random variables, and hypothesis testing. The prerequisite for the course is College Algebra (MATH 1111) or Precalculus (MATH 1113) or Math 1101. If your skills (manipulating expressions, solving equations, etc.) from this class have become rusty, it would be to your advantage to review them now.
Homework and Grading Policy:

Homework problems or practice quiz will be posted on GeorgiaView and on a regular basis. The homework will not be collected. Students are expected to work on the assigned homework problems before I answer the questions about them. There will be online quizzes, one midterm exam and one final exam. Both the exams will be proctored by proctorU. The final exam will be comprehensive. The lowest quiz score will be dropped. Each of the tests will be worth 35% and the total of the quizzes will be worth 30%. The letter grades will be based on the following scale:

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A tentative schedule of lectures and tests is attached. I will allow a maximum of one make-up if you miss a test for a reason I find acceptable and if you notify me of the reason in a timely manner. You MUST notify me at the earliest possible opportunity of your reason for missing the test. If I find that your reason is acceptable, we will arrange a time for you to take a make-up exam. You MUST be prepared to DOCUMENT your reason for missing the test. There will be NO EXCEPTIONS to this policy. Tests that are not taken at the first schedule time may look quite a bit different from those the class takes.

CHEATING POLICY and OTHER INFORMATION.

Dishonest work will be treated as a serious offense by the faculty and administration of Georgia Southwestern. Any form of cheating or any attempt of cheating will result an “F” as the final grade regardless the student’s performance in the class. Visit the university website for further details about the GSW policy on academic integrity. You may also look at http://gsw.edu/Calendars/Academic-Calendar/index for GSW academic calendar. A tentative schedule for this course is given below. This is subject to change without a notice. Please check the Announcements for current information.

(Week of August 21)

Mandatory Syllabus Quiz. This quiz will not be part of your grade.

(Week of August 25)
Chapter 1
Chapter 2

(Week of September 1)
Chapter 2
Chapter 3
(Week of September 8)
Chapter 3
Chapter 4
(Week of September 15)
Chapter 5
Chapter 8
(Week of September 15)

Chapter 9
(Week of September 22)
Chapter 10
(Week of September 29)
******October 3: Midterm (Proctored by proctorU)******
Chapter 11
(Week of October 6)
Chapter 12
(Week of October 13)
Chapter 13
(Week of October 20)
Chapter 14
(Week of October 27)
Chapter 15
(Week of November 3)
Chapter 16
(Week of November 10)
Chapter 17
Chapter 18
(Week of November 17)
Chapter 18
Chapter 19
(Week of November 24)
Thanksgiving break
(Week of December 1)
Chapter 20

****December 6: Final (Proctored by proctorU)****

(This tentative schedule is correct at the date of release and subject to change)

Note: A student requesting classroom accommodations or modifications due to a documented disability must notify me within the first two weeks of the semester. If the student has not already done so, he or she must contact the Office of Disability Services in order to receive these accommodations and modifications. The Office of Disability Services is located in Sanford Hall, room 101, and the phone number is 229-931-2661.