Elementary Statistics Online ( MATH 2210 WE3 ) SPRING 2016

Instructor: Dr. Sankara N. Sethuraman  Please call me Dr. Sankar.

Office: Allgood Hall N323

Office Hours: Tuesday and Thursday; 1:00 ---2:00 p.m. & 4:00 ---5:15 p.m.  
Other times available, face-to-face or online, by appointment

My Email ID: ssethura@gru.edu  My Phone: 706-667-4480

Welcome to my MATH 2210 WE3 Elementary Statistics course. This course is taught completely online. We do not meet face-to-face. It gives you the opportunity to manage the time and place for attending class. However, the homework, assignments, quizzes, and tests must be completed by a deadline. This course has a definite beginning and ending dates. You must dedicate at least ten hours per week to this course. This is the same requirement for face-to-face Elementary Statistics Students (3 hours of class time + at least 7 hours of preparation). You must be self-disciplined.

Text Book: What text book do you need for this course?

Loose leaf version of 4th Edition of 'Elementary Statistics using TI83/84 Graphing calculator' along with the access code for MYSTAT LAB.  
Author: Mario F. Triola, Dutchess Community College  

If you purchase a used textbook, the code will not be included and must be purchased separately. It is more cost effective to purchase the code with the text.  
If you purchased and used a MyStatLab code during a previous semester at GRU, you may qualify for a replacement code.

Calculator: What calculator do you need for this course?

⇒ The TI-83, TI-83+, TI-84, TI-84+, OR TI-84 silver edition is required for this course.

The TI-92, TI-89, and other calculators that use a computer algebra system are not allowed. Cell phone calculators, PDA’s, and similar devices are not allowed.
Course Objectives:

To provide a cohesive, connected presentation of statistics that identifies inference as its objective and stresses the relevance of statistics in learning about the world in which we live. To stress the unity of concepts in several disciplines by de-emphasizing a field oriented approach.

Course Content: What Chapters (& Sections) will be covered in this course?

- Chapter 1 Introduction to Statistics. Sections 1.1, 1.2 and 1.5
- Chapter 2 Summarizing and Graphing Data: Sections 2.1 to 2.3
- Chapter 3 Statistics for Describing, Exploring and Comparing Data: All sections; 3.1 to 3.5.
- Chapter 4 Probability: Sections 4.1 to 4.7
- Chapter 5 Discrete Probability Distributions: Sections 5.1 to 5.4, & Hyper-geometric distribution
- Chapter 6 Normal Probability Distributions: Sections 6.1 to 6.5
- Chapter 7 Estimates and Sample Sizes: Sections 7.1 to 7.4
- Chapter 8 Hypothesis Testing: Sections 8.1 to 8.5
- Chapter 10 Correlation and Regression: Sections 10.1 to 10.3
- Chapter 11 Multinomial Experiments and Contingency Tables: Section 11.3

Course Grade: How is your final grade determined in this course?

- Participation and Attendance (5%) (On-time submission of tests & home works)
- Graded Homework (20%) Total of 9 homework assignments. You may attempt a homework assignment two times before the due date. Questions are mostly of multiple-choice and fill-in the blank types.
- Tests (25%) Total of 5 Tests You may attempt each test twice. The highest score will be retained for each test. All tests are timed. You will not be allowed to take a make-up test. A missed test will receive a grade of zero; however, your lowest test grade will be dropped. Questions are of multiple-choice, fill-in the blank, and essay (problem solving) types.

If you receive services according GRU’s Office of Disability Services, contact your instructor for testing guidelines at least 24 hours before attempting a test. If you need help, please contact me.

- Final Exam (50%)

THURSDAY, MAY 5, FROM 2 p.m. TO 4 p.m. The final exam is a cumulative exam. The final exam must be taken on campus during the designated time. It is a two-hour exam. Questions are of essay type (problem solving type, like instructor-created questions) only. You can use
your graphing calculator. The room number for the final exam will be announced later. You will receive an ‘F’ grade if you miss the final exam.

If you receive services according to GRU’s Office of Disability Services, contact your instructor for testing guidelines at least 24 hours before attempting the final exam.

**Academic Honesty:**

Read and adhere to the policy concerning academic honesty in the college catalog.

**Withdrawal Policy:** When is the Midterm in this course?

Midterm is **MAR 07**. If it is necessary for you to withdraw from this course, contact me by e-mail. If at any point, you have missed two assignments in a row or missed logging in the course for seven consecutive days, you will be withdrawn from this course and receive a **WF or an F grade**.

**Technology:** What are the two tools through which the course will be handled?

This course will be delivered totally online using (1) **Desire2Learn** and (2) **MyLab**.

⇒ **Desire2Learn**: You can use **Desire2Learn** to get your class notes; to access discussion board and chat room, etc.

⇒ **MYSTATLAB**: You can use **MYSTATLAB** to do Practice Problems, Homeworks, Tests, to see your grades etc.

**Technology Skills:** What technology skills do I need to have for this course?

• Know how to navigate within a website.
• Know how to send an e-mail.
• Know how to attach a document.
• Know how to scan a document in case you want to share information with your instructor or classmates that is not in electronic form.
• Know how to download and install software.
System Requirements for Desire2Learn:

• High-Speed or DSL internet connection is highly recommended.
• For required browsers and plug-ins, visit the Desire2Learn entry page (https://lms.gru.edu), and click System Check in the middle of the page. Access the system using your NetID and password. If you need to reset your NetID password, please contact the IT Service Desk at (706) 721-4000 - press 9 to reach the Summerville campus.

System Requirements for MySTATLab:

• This product supports the following operating system and browser combinations:

  With WINDOWS operating systems: You can use these browsers:
  Windows 2000, Windows XP, and Windows Vista™
  Internet Explorer 6.0 (XP Only)
  Internet Explorer 7.0
  Firefox 2 or Firefox 3

  With MACINTOSH operating systems: You can use these browsers:
  MacOSX 10.4, MacOSX 10.5 Safari 3.1 (Recommended)
  Firefox 2, Firefox 3

• Internet connection: Cable/DSL, T1, or other high-speed for multimedia content;
• Memory: 64 MB RAM minimum
• Monitor resolution: 1024 x 768 or higher
• Plug-ins: You need certain plug-ins and players from the MyLab Browser Check or Installation Wizard (found inside your course). The plug-ins and players are installed on most of the campus computers.

Technical Assistance: If I need technology assistance, whom should I call?

✓ If you need assistance, contact the ITS Student Help Desk (University Hall Room 130 or call (706) 737-1676).

✓ If you need assistance with Desire2Learn contact the ITS Student Help Desk (University Hall Rm 130 or (706) 737-1676).

✓ For questions about MySTATLab, call 1-800-677-6337. You may also receive support at http://www.mymathlab.com/contactus_stu.html

✓ If you need assistance with scanning documents or technology for scanning documents, contact Media Services (University Hall Rm 156 or (706) 737-1703).
Communication Policy: How do you communicate with the instructor & other students?

Most of the communication in this course will be done electronically – discussion board, e-mail, chat, and announcements. It is important that you read, understand, and practice the rules of netiquette. **If you need to speak with me by phone or meet with me in my office, send me an e-mail** with a number where you can be reached along with the times you can be reached.

**E-MAIL:**

I will use the e-mail feature in JAG EMAIL for sending and receiving all e-mails. **Remember to check your e-mail, announcements, and the discussion board daily.**

I will respond to all e-mails within **one** business day. It is important to note that you **will not** receive emails if your inbox is full. **Personal emails (like Gmail, Yahoo, Hotmail, Aol, etc) are not allowed.**

**DISCUSSION BOARD**

The discussion board is a communication tool that provides a forum for students and instructor to engage in dialog about various topics. Always remember to check your message for spelling and grammatical errors before posting. Do not post any information on the discussion board or in the chat room that you do not want to share with everyone. Once the information is posted, all of your classmates can read your post. You must respect your classmates’ time when posting messages on the discussion board; stick to the topic being discussed. I will monitor the posts on the discussion board, and respond as needed.

You will receive immediate feedback on all computer graded homework, quizzes, and tests completed in MyStatLab. You will receive feedback within 48 hours for assessments graded by me.

If at any point in the course you feel left out or disrespected, send me an e-mail immediately. The online learning environment for this course must be conducive to learning and participation. Also, **any disruptive student may be withdrawn from this course and referred to the proper university official.**

**Getting Started on Desire2Learn:**

1. Go to [https://lms.gru.edu](https://lms.gru.edu)

2. Check whether your computer meets all the requirements.
3. Your username & password are the same as in your Jagmail. If you don’t have Jagmail account, please contact the ITS Student Help Desk (in University Hall Room 130) or call (706) 737-1676.

4. Now you can print class notes, syllabus, course calendar, test dates, etc.

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### Getting Started on MyLab: To Do Your Tests and Homework Assignments

To get started on MyLab, you need to have three things ready.

1. Your **GRU email id.** (Please do not use your personal email id)
2. **Course ID.** Your course ID for this Elementary Statistics Course is sethuraman02986
3. Your **access code** for MyStatLab that came with the text book you just bought.

First you need to go to [http://pearsonmylabandmastering.com/](http://pearsonmylabandmastering.com/)
Second, you need to register for this course in ‘mylab and mastering’ and then start using MyStatLab.

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### To register in MyLab and Mastering:

2. Under I would like to, click ‘Get access to a new course’.
3. For **Course ID**, enter the course ID which is (sethuraman02986), & click Find Course.
4. After you enter your course ID, your course information appears. Confirm that the course listed reflects your instructor’s online course.
5. To register for your course, do one of the following:
   - If you already bought your access code, either bundled with your textbook or as an access code kit sold individually, click Use an Access Code, enter your access code, and click Next.
   - To buy your course online, click Buy Now, then Buy to select the item you want.
6. Read the license and privacy agreement and click ‘I Accept’ to agree.
7. To Sign in or to create an account:
   - Click Yes under Do You Have a Pearson Education Account to sign in if you already have a Pearson account.
   - Click No to create one. Enter a username and password. Remember your userid and password. Click Check Availability to see if the username is available. Add
your account information including your school, country, and security information.
  o Click Not Sure to search for your account.
8. Complete your registration:
  o If you are buying your course online, enter your credit card or PayPal information, and place your order. Your course is listed under MyLab / Mastering New Design.
  o If you used an access code to register, a confirmation page displays your course information. Click Go to Your Course.

Sign in

Once you have entered your course ID and registered, you can sign in anytime:

1. On the MyLab and Mastering website, click Sign In.
2. Enter your username and password, and click Sign In.

Your course is listed under MyLab / Mastering New Design Courses. You can also view announcements and other subscriptions.


When your course appears, use the course menu to navigate.

Help with Statistics: Where do I get FREE help with statistics?

(1) Free help is offered at MATH ASSISTANT CENTER. The Math Assistance Center (MAC) is staffed by student assistants employed by the department. All students enrolled at GRU may use the MAC services for no charge. The MAC is located in Allgood Hall, room N304.

(2) You can email or call me with your questions. You can also see me in my office.

Office: Allgood Hall N323

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Other times available, face-to-face or online, by appointment

My Email ID: ssethura@gru.edu My Phone: 706-667-4480

Your Final Exam: THURSDAY, MAY 5, FROM 2 p.m. TO 4 p.m.

Have a good semester.
ADVICE:

You need to have a reliable, virus-free computer and internet access. Your instructor is NOT responsible for that. You can also use the computers in our campus computer labs or in the library. Please DO NOT wait till the last minute to turn-in your assignments.

Your log-in activities in Desire2Learn and MyStatLab, and on time submission of assignments count as attendance in this online course.

Please read my detailed class notes on each chapter before you start doing any homework assignments or tests.

Please set aside specific hours of the day for schoolwork.

Please set your own deadlines based on your personal schedule in advance of the official deadline.

Please DO NOT wait till the last minute to turn-in your assignments. Staying ahead of course deadlines to avoid the unavoidable like internet issues, illness, and other issues that can come up during the course of a normal semester.

Please create your own calendar of class events and requirements, or keep up-to-date to-do lists.

Please don't wait until it is too late to ask for help.

Have a good semester and enjoy the course.