INTRODUCTORY STATISTICS: MATH 2210 J  
Spring 2016  Monday and Wednesday  2: 30 P. M. – 3: 45 P. M.  Allgood Hall - E364

INSTRUCTOR:  DR. DHARMA THIRUVAIYARU

OFFICE:  Room # E 351, 3rd Floor, Allgood Hall

OFFICE HOURS:  4:00 p.m. to 5:00 p.m. on Mondays & Wednesdays, and 5:30 p.m. to 6:45 p.m. on Tuesdays and Thursdays, OR by appointment

PHONE / EMAIL:  706-667-4483  Email: dthiruvi@gru.edu

SCHEDULE ADJUSTMENT  JAN 11 to 13

MID-SEMESTER  MAR 7

LAST DAY OF CLASSES:  MAY 2

FINAL EXAM  MONDAY, MAY 9 ---- from  2:00 P. M -- 4:00 P.M. ( in this room )

GRADES DUE:  Grades entered by midnight MAY11

TEXT BOOK:  You can buy either one of the following two books.
Loose -leaf version of ELEMENTARY STATISTICS using the TI-83/84 Plus Calculator, 4th Edition by MARIO F. TRIOLA.
Publishers: Pearson/Addison Wesley

Our book store sells ( This book comes with computer access code)
Author: Mario F. Triola, Dutchess Community College
Publishers: Pearson/Addison Wesley

COURTSE 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 DESCRIPTIONS;  Functional and summation notation, probability theory, binomial distribution, normal distribution, statistical inference - estimation and hypothesis testing, simple linear correlation and regression, chi-square distribution and some advanced topics.

HOME WORK:  Homework problems will be assigned regularly but will NOT be turned in or graded. Do not continue in this class unless you are prepared to spend one or two hours a day outside class working on assignments.
   Students will be expected to participate in class room discussions or discussions of assigned homework.

EXAM POLICY:  There will be FOUR tests (50 points each) given during the semester and also a TWO - HOUR COMPREHENSIVE FINAL EXAM (100 points) given at the end of the semester. The lowest of the four test scores will be replaced by the average of the four test scores.
   NO test will be dropped.  Tests will be announced at least one week in advance.  NO MAKE-UP EXAM will be given. However, you can take the tests a day or two in advance if you wish to.  A grade of ZERO will be recorded if you MISS an exam. Final exam is mandatory.  You may for no reason skip the final exam.

GRADING:  The sum of the four test scores will count two-third of your final grade and the final exam will count the remaining one-third of your final grade.

Course Average  =  ( Total of 4 Tests  + Final Exam ) / 3
**EXAM RULES:**

All tests and the final exam are closed book and closed notes. TI-83 or TI-84 Calculator is required for the course as well as for all the exams. I'll provide you with a formula sheet for the final exam. No partial credit will be given for problems that depend on TI-83/84 calculator entirely.

**COMMENTS:**

**CHEATING IS NOT TOLERATED.** If a student is caught cheating, appropriate action will be taken within the Univ policy.

Out of consideration of others, do not leave the room once class has started. If you need to leave early, please try to sit near the door and also let your instructor know before class begins that you will be leaving before class is dismissed.

Bring your text book and calculator daily to class.

**WITHDRAWAL POLICY:**

If you with draw before the midterm, a grade of W will be assigned. If you withdraw after the midterm, a grade of WF will be assigned. **Midterm is MAR 7.** You must initiate the withdrawal yourself!. Do not expect me to drop you if you quit coming to class, you will be assigned an F.

**ATTENDANCE:**

I check for attendance daily. If you miss more than 3 classes you will immediately be warned of the consequences. I would appreciate your notifying me if you have to miss class so that I am aware of your circumstances. Most of you will find that regular attendance is mandatory for satisfactory performance in the course. There is a strong positive correlation between your class attendance and your success in this course.

You are responsible for everything that is covered in class. **You are responsible for obtaining the material yourself that you missed because of absences. IT IS YOUR NICKEL. SPEND IT WISELY.**

Please do not bring any visitor to class. Please turn off your beepers and cellphones while the class in progress.

**Educational Philosophy**

During the course work you will have an opportunity to learn material of substantive importance to you as a student. Simultaneously, you will have a variety of opportunities to enhance your professional skills by:

- applying the idea of the course to identifying and solving real world problems
- reading more perceptively
- writing more effectively
- working more creatively with others in organizational settings
- presenting your ideas more effectively in public forums

**How to prepare for this course**

As this course involves critical thinking, you must (1) read each question carefully, (2) pay attention to the units of measurements (3) use proper notations and terminologies, (4) interpret the results, (5) draw diagrams whenever required, (6) keep 4 or more decimals in your calculations, (7) justify your answers with use of appropriate statistical measures and (8) many more points that you will discover during the course.

You can buy a copy of the instruction manual for TI-83/84 at the bookstore for around $10.

**Title:** Instructions for using TI-83/84  
**Instructors:** Dr Sankar Sethuraman & Dr. Dharma Thiruvaiyaru

You will like this manual better than your text book. **This manual is highly recommended for your use. Proceeds DO NOT go to the instructors. This manual contains lots of practice problems for your tests and the final exam.**

Please obtain an email account with the university as you can access the course’s website and obtain all the handouts needed for this course. Please go to the Information Services located at the University Hall (Room 130) and obtain an email account by showing your university ID. I can’t and won’t send emails to your personal addresses. I can send email only to your university email account.

**HOLIDAYS:** MARTIN LUTHER KING: JAN 18,  
**MASTERS BREAK:** APR 4 to APR 8.