

**BUSINESS STATISTICS      MATH - 3110 - C ,      Room :    University Hall    330**  
**7:00 p. m. to 8:15    p. m.    TUESDAY & THURSDAY,      Fall 2009**

INSTRUCTOR	DR. SANKAR SETHURAMAN
OFFICE	ROOM # N323, DEPT. OF MATHEMATICS & COMP. SCIENCE , 3 <sup>rd</sup> floor in ALLGOOD HALL
OFFICE HOURS	<b>2:45 P.M. to 5:00 P.M.    T &amp; TH</b> or by an appointment.
PHONE	706-667-4480
EMAIL:	<b>ssethura@aug.edu</b>
<b>Schedule Adjustment</b>	Aug 17 - 19
<b>MID-SEMESTER:</b>	Oct 12
<b>LAST DAY OF CLASSES:</b>	Dec 3
<b>FINAL EXAM:</b>	<b>TUESDAY,    DEC 8    ,      8:30 P.M. ---    10:30    P.M.</b>
<b>GRADES DUE:</b>	Grades entered by Midnight Dec 13, Grades viewable on <b>Dec 14.</b>
<b>TEXT BOOK:</b>	<b>BUSINESS STATISTICS BY ANDERSON ,SWEENEY &amp; WILLIAMS</b> , 10th edition
<b>COURSE OBJECTIVES:</b>	To develop statistical concepts and data analysis skills necessary for the analysis, interpretation, and use of data in a business environment with a goal of applying statistics, to decision making in real world business and economics problems
<b>COURSE DESCRIPTION:</b>	Descriptive statistics, probability and probability distributions, sampling techniques and sampling distributions, statistical estimation and hypothesis testing, linear regression and correlation, contingency tables and forecasting techniques.
<b>STATISTICAL SOFTWARE</b>	Statgraphics
<b>HOMEWORK:</b>	Homework problems will be assigned regularly but will <b>NOT</b> be turned in or graded. <u>Do not continue in this class unless you are prepared to spend one or two hours a day outside class working on assignments.</u> <b><u>Students will be expected to participate in class room discussions or discussions of assigned homework.</u></b>
<b>EXAM POLICY:</b>	There will be FOUR tests (50 points each), a computer assignment ( 15 points ) given during the semester and also a TWO - HOUR COMPREHENSIVE FINAL EXAM( 85 points) given at the end of the semester. Tests will be announced at least one week in advance. <u>These tests will be based on the problems solved in class and also the homework problems assigned in class.</u> <b>NO MAKE-UP EXAM</b> will be given. If you are going to be out of town on the test day, you can make arrangements to take the test <b>a day</b> in advance. A grade of <b>ZERO</b> will be recorded if you <u>MISS</u> an exam. <b><u>The lowest of the four test scores will be replaced by the AVERAGE of the four test scores.</u></b> Final exam is mandatory. <u>You may for no reason skip the final exam.</u>
<b>GRADING:</b>	The sum of the <u>four test scores</u> will count two-third of your final grade and the <u>final exam</u> and the <u>computer assignment scores</u> will count the remaining one-third of your final grade. Course Average =

<b>EXAM RULES:</b>	All tests and the final exam are closed book and closed notes. <b>Ti-83 or Ti-84 Calculator is allowed.</b>
<b>COMMENTS:</b>	<b><u>CHEATING IS NOT TOLERATED.</u></b> If a student is caught cheating, appropriate action will be taken within the college 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.
<b>WITHDRAWAL POLICY:</b>	If you with draw before the midterm, a grade of W will be assigned. <u>If you withdraw after the midterm, a grade of WF will be assigned.</u> <b>Midterm is Oct 12.</b> You must initiate the withdrawal yourself!!!. Do not expect me to drop you if you quit coming to class, you will be assigned an <b>F</b> .
<b>ATTENDANCE:</b>	<b>I check for attendance daily.</b> 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. <u>You are responsible for obtaining the materials that you missed because of absences.</u> <b>IT IS YOUR NICKEL. SPEND IT WISELY.</b> Please do not bring any visitor to class. Please turn off your beepers 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 ro prepare for this course?	<b>This course involves critical thinking</b> , 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 when ever required, (6) keep all 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.

I have kept an instruction manual for TI-83 on reserve in the Reese Library for your class. You can check out the book only for two- hours. You can make a copy of it at the library or **You can simply buy it at the book store for \$9.** Please mention the following information to the person at the circulation desk in the library or to the person in the bookstore.

**Title: Instructions for using Ti-83**

**Authors: Dr Sankar Sethuraman & Dr. Dharma Thiruvaiyaru**

NOTE: This course (MATH 3110) is for business majors only.