

**STAT/MATH 3379. Sec. 02 Statistical Methods in Practice**

Fall 2017, Sam Houston State University

**Class:** LDB 218, MWF 9:00am – 9:50am

**Instructor:** Ejike Edeh

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**Office:** LDB 414 , Phone: 936.294.3523

**Office Hours:** Mon. 10-11am & 1-2pm, Fri. 10 -12pm. Or by appointment.

**Academic Success Center:** Located in Farrington 104. Open Monday-Thursday 8:00AM-9:00PM, Friday 8:00AM-3:00PM, Saturday CLOSED, Sunday 2:00PM-9:00PM

**Course Description:** This course is an introduction to the mathematical concepts and analysis common in business, economic and social sciences in general. Topics include Review of Algebra, Functions and graphs, Annuities, and Amortization of Loans

**Textbook:** Introductory Mathematical Analysis-For Business, Economics, and the and Social Sciences, by Haeussler, Paul, & Wood. 13<sup>th</sup> Edition

The electronic version of the text book will be available online on the course website. You are not required to purchase the hard copy except if you wish to do so.

**Required Materials:** You will need a calculator that can-do logarithms. Calculators with a CAS system (i.e., TI-89 and TI-Nspire) are not allowed. You may not use the calculator on your phone on quizzes and exams.

**Reading**

It is a good idea to briefly look over textbook sections before coming to class, this way you are prepared with questions or problems.

**Homework-18% of final grade**

Homework due date will be as specified on the course webpage online. All home works will be completed online on the course web page.

**Quizzes-30% of final grade**

There will be 3 quizzes (see course calendar). Changes in calendar/quiz dates will be announce in class and effort will be made to send reminder emails for quizzes but it is the student's responsibility to keep track of class progress/dates when quizzes will be administered. There are NO MAKE UP QUIZZES.

**Exams- 30% and 20% of final grade**

There are two regular exams (15 % each) and a comprehensive final exam (20%).

There are no make-ups for exams. If you are in a university extracurricular activity, you must provide notice and documentation no later than three days before the scheduled exam. A student who is ill or has some other significant emergency preventing the taking of an exam must contact the instructor as quickly as possible (must be done before the exam) and then should provide documentation of the emergency. No exceptions will be made for students who do not follow these guidelines.

**Participation- 2%** Asking for help is a big hurdle for some students but overcoming that hurdle is important for your academic success! Participation means asking questions during class when you are confused, responding to questions I ask, and receiving outside assistance during office hours. Class is much more interesting and you learn much better when you are actively engaged during class.

### **Attendance expectations**

Attendance and participation in the mathematics class is critical for success. Power point will be used to teach this class. It is recommended that you print these and bring them to class. It will be much easier to make notes that complement what is already on the power point than write all teaching content by hand during class sessions. Power point covering each lesson will be posted, latest the night before the beginning of each lesson.

You are responsible for getting any announcements and material covered in class if you are late or absent. I may not be able to respond to emails asking for what was covered or is to be covered in class.

### **Rules for the classroom**

As adults, I expect you to treat your classmates and me with politeness and respect. Students should be able to voice their questions, concerns, and ideas in a welcoming environment. Students should not distract other classmates in any way. Any student who arrives more than 15 minutes late to class may be asked to leave. Also, students should not leave class early. If a student must leave early, the student should notify the instructor before class begins. Any student who leaves class more than 15 minutes early and does not provide a legitimate excuse will be counted absent. Further guidelines for classroom conduct (including absences on religious holy days) are available at <http://www.shsu.edu/academics/syllabus-guidelines/>

### **Use of cell phones**

It is not appropriate to use a cell phone during a class -- it is distracting to the student using the phone and to those around him/her. Students should put away their cell phones when class begins. (If a student has an emergency need to keep his/her cell phone active, he/she should speak with his/her professor about that need before class begins.) Students who use their cell phones (for example, to send text messages) during the class may have the cell phones confiscated for that class period. The university policy on cell phones is at [http://www.shsu.edu/~org\\_sen/pdf/Cell-Phone%20Policy%20\(AP%20100728\).pdf](http://www.shsu.edu/~org_sen/pdf/Cell-Phone%20Policy%20(AP%20100728).pdf)

### **Collaboration & Plagiarism**

On homework it is acceptable to receive tutoring from Academic success center or any resource

accessible to students. Students are also encouraged to discuss the problems with other students. However, anything students submit for grading must be in their own words, with their understanding of the material. To turn in material that is written in someone else's words or computations is plagiarism. On in-class exams or mini-exams, all the work students turn in must be their own, without any aid from anyone else. Giving or receiving aid on in-class quizzes and exams will be considered plagiarism ("cheating.") In this class, the penalties for plagiarism will include at least a zero grade on the submitted material and most likely a failing (F) grade in the course with a referral to a disciplinary committee.

**Disability Policy:** <http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf>

### **Grading Scheme**

| Grades                   | % of final grade |
|--------------------------|------------------|
| Homework                 | 18%              |
| Quizzes                  | 30%              |
| Exam1 (Chapt. 0 -2)      | 15%              |
| Exam2(Chapt. 3 - 4)      | 15%              |
| Final Exam (Chapt. 1- 5) | 20               |
| Class Participation      | 2%               |

| Letter Grades | Scheme         |
|---------------|----------------|
| A             | $\geq 89.5\%$  |
| B             | 79.5% to 89.4% |
| C             | 70% to 79.4%   |
| D             | 64% to 70%     |
| F             | $< 64\%$       |