

STAT 107  
Concepts of Statistics  
Summer 2009

**Instructor:** Dr. Marcus A. Agustin

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**Office Hours:** 1:00-2:00 pm MTWR or **by appointment**

**Textbooks:** *Statistics, Concepts and Controversies*, Seventh Edition by David S. Moore and William I. Notz

**Prerequisites:** One and one-half years of high school algebra or AD 095 (Intermediate Algebra).

**Course Description:** This is a course on statistical ideas and statistical methods. Concepts of statistics as well as their relevance in the “real world” will be discussed. To this end, we can divide the topics to be covered in class into four main categories:

- (i) producing data;
- (ii) analyzing data;
- (iii) language of probability; and
- (iv) statistical inference.

**Course Objectives:** The main objective of this course is **NOT** to turn you into statisticians but instead to make you “statistics literate”. After taking this course, you must be able to read critically and understand reports of experiments and surveys that abound in newspapers, magazines, journals and even the Internet. You must be educated consumers of such reports.

**Course Requirements:** Homework problems will be assigned at the end of each class meeting. These problems, however, will not be turned in. Instead, questions concerning homework will be addressed at the start of each class. In addition, quizzes will be given sometime during the class on the following dates:

**May 28th, June 2nd, June 8th, June 16th, June 19th, June 24th**

There will be two in-class exams on **June 11th** and **June 26th**, respectively.

**Attendance and Make-up Policy** I will not check attendance but you are expected (read as “required”) to be in class all the time. You will be responsible for any material(s) that you missed. Make-up exams and/or quizzes may be given only when accompanied by a valid excuse. Proper documentation should be presented and I should be notified in advance (either by phone, email or in person). Make-up exams and/or quizzes will be given at my discretion and is not guaranteed.

**Grading Policy:** Your final grade in this course will be determined as follows:

Quizzes	–	150 points
Two Exams	–	125 points each

The straight scale will be used in assigning your final grade, i. e., 90% – 100% is A, 80% – 89% is B, etc.

**Academic Integrity:** **All** submitted materials should reflect your **own** work. Any student caught cheating is subject to a **grade of F** and will be dealt with accordingly. A detailed description of SIUE’s policy on academic integrity can be found on [www.siu.edu/policies/1i6.shtml](http://www.siu.edu/policies/1i6.shtml).

**Disability Clause:** Students needing special academic accommodations should notify me no later than the **end of the first week**. You must have a **documented** disability and an **ID CARD** from Disability Support Services. Students with disabilities are encouraged to visit the SIUE Disability Support Services Offices located in Rendleman Hall Room 1218. An individualized accommodation plan can be developed according to each student’s needs.

**Classroom Rules:** You are expected to **arrive on time** and **stay for the duration of the class**. If for some reason you need to leave class early, I should be informed in advance and you should sit near the door to minimize classroom distraction. **All electronic devices, including cell phones and laptops**, should be **turned off** during the class.

**Tips for Succeeding in STAT 107:**

1. The office hours are for **you**. You are **encouraged and expected** to get help as soon as possible.
2. Do not hesitate to ask questions whether in-class or outside class.
3. **Read the textbook.**
4. Participate in class discussions. Remember, **Statistics is not a spectator sport.**
5. Keep a positive attitude and try to have fun!