**Instructor Information**

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**Course Description**

STT 200 is a statistical course taught at a very elementary level. The purpose of the course is to prepare students to tackle basic level statistical problems that are encountered in practical life.

**Syllabus**

1. Introduction to Sampling (Chapters 2, 11 and 12)  
2. Categorical Data (Chapter 3)  
3. Quantitative Data (Chapter 4)  
4. Comparing Distributions by Boxplot (Chapter 5)  
5. Normal Distribution overview (Chapter 6)  
6. Linear Regression (Chapters 7, 8 and 9)  
7. Probability (Chapters 14 and 15)  
8. Random Variables (Chapter 16)  
9. Sampling Distributions (Chapter 18)  
10. Test of Hypotheses and confidence Intervals (Chapters 19, 20, 21 and 23)

**Class Hours**

Mon, Wed and Fri from 12:40 PM - 02:30 PM in A120 Wells Hall.

You are expected to attend all lectures of the course. If you miss a lecture for whatever reason, you are responsible for all covering materials, assignments and deadlines.

**Office Hours**

Tuesdays and Thursdays 02:00 p.m.-3:30 p.m. or by appointment.

**Important Dates**

1) 6/30/14  Classes begin for Second Summer Session 2014  
2) 7/11/14  Last day to drop with refund  
3) 7/23/14  Middle of Second Summer Session. Last day to drop with no grade.  
4) 8/14/14  Last Day of Classes
Helproom Hours

See Help Room schedule posted on:
http://www.stt.msu.edu/Academics/.

Exam Information

Homework Assignments: Several homework assignments will be given throughout the course. The due dates of these homework assignments will be announced when assigned. Late homework will not be accepted and there is no make-up for homework. The lowest two homework scores will be dropped and the remaining scores will be added.

Examinations: The course is divided into three units with a 90-minute in-class exam following each unit (120 points each). There will be a final exam (200 points) at the end of the course. All the exams are closed book, closed notes and will consist of multiple choice type questions. Further information on these matters, if necessary, will be given in the class and will be published in the course web page.

Missing an exam without a valid excuse presented to the instructor will result in a score of zero points.

Make-up exams will be given only in case of verifiable excuses. The request for make-up exam has to be submitted to the instructor no later than 2 days of the original exam. No make-up for final exam will be given.

Grading Information

Grading Scales: Points are earned through three unit examinations (360 points), final examination (200 points), and homework assignments (140 points). In determining your total points, your lowest two homework scores will be dropped. Your total number of points (out of 700) will be converted into a percentage and your grades will be determined by the following grading scale (tentative):

- 0 : 0% <= Score < 20%
- 1.0 : 20% <= Score < 40%
- 1.5 : 40% <= Score < 50%
- 2.0 : 50% <= Score < 60%
- 2.5 : 60% <= Score < 70%
- 3.0 : 70% <= Score < 80%
- 3.5 : 80% <= Score < 90%
- 4.0 : 90% <= Score <= 100%

Textbook and Other Required Material


2. TI-83/84 Plus calculator.