STT200

Statistical Methods

September 3, 2015

Time: M-W-F 11:30 am - 12:20 pm

Location: 132 Hubbard Hall

Instructor: Maria Veretennikova

Course page via LON-CAPA: https://s10.lite.msu.edu
Log-in using your MSU username

Office Hours: Thursday 11 am - 1 pm or by appointment

Email: veretenn@stt.msu.edu

Textbook: Intro Stats, De Veaux, Vellman, 3rd Edition

Objectives and course content
Data analysis, probability models, random variables, estimation, tests of hypotheses, confidence intervals, simple linear regression

Homework
There will be 9 exercise homework assignments during the semester. The lowest 3 scores will be dropped. Each homework will be due on the recitation on the specified date. Late homework assignments are not accepted and will be scored as 0. Each homework is worth 20 points. This includes 3 computer lab homework assignments with MINITAB worth 20 points each. Homework assignments will be available via LON-CAPA website and solutions will be there after the submission deadline.
Homework due dates will be on the course webpage: MSU - Department of Statistics and Probability - Home - Academics - Class Pages List - STT 200 (Lecture 3) Class Page.

The first homework is due on Thursday the 10th of September and it is lab 1 on LON-CAPA.

**Term exams**

There will be 3 term exams:
- Term exam 1: October 6th. This will cover Chapters 1 - 10.
- Term exam 2: November 10th. This will cover Chapters 11 - 19.
- Term exam 3: December 8th. This will cover Chapters 20 - 27.

The lowest score term exam will be dropped, the best two will each be 60 points maximum.

**Grading policy**

Your final score will be based on the final exam, 6 best homeworks out of 9, including 3 labs, and the 2 best term exams.

**Homework:** The best 6 of 9 homework scores will be counted

**Term exams:** The lowest score of the three term exam scores will be dropped, the maximum for each of these term exams is 60 points.

<table>
<thead>
<tr>
<th>Source</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>120</td>
</tr>
<tr>
<td>Term exams</td>
<td>120</td>
</tr>
<tr>
<td>Final exam</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>340</strong></td>
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Your total number of points will be converted to a percentage and your grade will be determined by the following grading scale:
All exams will be in the multiple choice format with closed books/notes. They will contain questions on the material covered in the lectures. Dropping a term exam score will accommodate those who for some reason must miss a term exam. If you must miss an exam for a medical or family emergency or any other exceptional circumstances, you should present a valid excuse to Dr. Maria Veretennikova in advance of the examination, whenever possible.

**Important dates**

**Classes begin:** September 2nd, 2015  
**Labor Day** Official holiday, University closed: September 7th, 2015  
**Open adds end:** September 9th, 2015 (8:00 pm)  
**Middle of semester:** October 21st, 2015  
**Thanksgiving Day** November 26th and 27th  
**Final exam** Friday 18th December 2015, 10:00 am - 12:00 noon

**Academic honesty**

The department of Statistics and Probability adheres to the policies of academic honesty as specified in the General Student Regulations 1.0, Protection of Scholarships and Grades, and in the All-University of Integrity of Scholarship and Grades which are included in the Spartan Life: Student Handbook and resource Guide. Students who plagiarize will receive a grade 0.0 on the assignment or exam.

**Accommodation for students with disabilities**

Students with disabilities should contact the Resource Center for people with Disabilities at 517-884-RCPD or on the web at rcpd.msu.edu. If
you are eligible for an accommodation, you will be issued a verified individual service accommodation (VISA) form. Please print this form for me at the beginning of the semester or 2 weeks prior to the accommodation date.

**Disclosure**

The instructor reserves the right to make any changes that she deems academically advisable. Changes will be announced in class and posted on LON-CAPA course website. It is your responsibility to keep up with any changed policies.