STT 315 – Lecture 2
Sections 12 – 22, MW 10:20 - 11:40 AM, 158 Natural Resources Bldg

Instructor: Prof. Yuehua Cui, C432 Wells Hall, E-mail: cui@stt.msu.edu

Office Hours: MW 2.00 - 3.00 p.m. and by appointment

Class Format: There will be lectures on Mondays and Wednesdays and recitations on Thursdays. The main course material will be covered in the lectures. Recitations will be used for supplementary material and problem solving.

Help Room: Students can get help with course material by going to Statistics Help Room A102 Wells Hall. The help room hours can be found at the website: http://stt.msu.edu/Academics/helproom.aspx.

Course Description: The learning objective is to understand some basic probabilistic and statistical concepts and methods that are applicable in business as well as in many other fields of study. This course will not make you an expert in statistics but will get you started with some of the basic concepts. The learning objectives are achieved by study and problem solving aided by class attendance and diligence. Your study should include the thoughtful reading of textbook material from Chapters 2 – 7 and attention to the material added in the lectures. Regular attention to the on-line homework and quizzes administered through MyStatLab is critical to success in the course.

REQUIRED MATERIALS:


Class Pages: http://www.stt.msu.edu/Academics/ClassPages/ and choose Lecture 2 under STT315. All the class notes will be in D2L.

Exams, Quizzes and Homework.

1) HOMEWORK: You will be assigned exercises that are done on-line through the MyStatLab software. Your responses will be checked by the software and you will generally (There will be some exceptions) have two attempts to get a correct answer on each part of each exercise. Look at the video to get started on Mystatlab: Mystatlab youtube video for students

   i. Your class codes will be given to you by your recitation instructor.
   ii. As we begin to cover a chapter, I will open the homework problems for the chapter. Once a homework assignment is opened, it will remain open, and close until the announced due date.
   iii. StatCrunch (provided in MyStatLab), Excel, your TI calculator, or any of a number of software packages (such as R) can be useful when solving exercises that involve a lot of data.
2) **QUIZZES**: There will be two types of quizzes to offer during the semester. One type is similar as the online HW assignment through MyStatLab. Another type is through the recitation class.

   a. There will be four quizzes for the online one. Once a quiz is opened, you will have two days to choose when to work on it. But once you start working on it, you will have to finish in the given time interval.

   b. For the in-recitation quizzes, the recitation instructor will distribute the quiz and you will have 15 min to work on it. There will be three such quizzes. The date will be announced on Monday the week we have the in-recitation quiz, at the latest.

   c. The lowest quiz score will be dropped.

3) **EXAMS**: There will be three in-class exams each worth 70 points. The lowest of these will be dropped in computing the final grade.

   *There will be no make-up exams or quizzes. If you have to miss an exam or quiz for whatever reasons (personal problems, illness, religious observances, other commitments…) that would be considered as the exam or quiz to be dropped.*

   All the exams would be in multiple choice format. The exams are closed-book. Tables will be provided with the exams when it is appropriate to do so. Calculators such as the TI-83 and more recent versions are helpful and, if you plan to use one, it should be brought to exams and recitations, fully charged. It is your responsibility to learn how to use the functions in TI-83 calculator.

   **The tentative dates for the exams are:**

   - **Mid-term**: Wednesday, Feb 4; Wednesday, March 4; Monday, April 6.
   - **Final Exam**: Wednesday, May 6, 10:00-12:00 noon.

4) **GRADING**:

   a. There will be an **in-class Final exam** at the end of the semester worth 100 points.

   b. There will be homework assigned through Mystatlab. Homework will contribute 60 points.

   c. There will be 60 points from quizzes.

   d. Grades will be based on a straight scale generated from points accumulated during the semester. The breakdown of possible points is shown below.

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Quizzes</td>
<td>10×6=60 pts</td>
</tr>
<tr>
<td>Homework</td>
<td>60 pts</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>70×2=140 pts</td>
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<tr>
<td>Final Exam</td>
<td>100 pts</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>360 pts.</strong></td>
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   The grades will be based on a straight scale roughly according to the following scheme:

<table>
<thead>
<tr>
<th>Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100 %</td>
<td>4.0</td>
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<tr>
<td>85-89.9 %</td>
<td>3.5</td>
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<tr>
<td>78-84.9 %</td>
<td>3.0</td>
</tr>
<tr>
<td>70-77.9 %</td>
<td>2.5</td>
</tr>
<tr>
<td>65-69.9 %</td>
<td>2.0</td>
</tr>
<tr>
<td>55-64.9 %</td>
<td>1.5</td>
</tr>
<tr>
<td>50-54.9 %</td>
<td>1.0</td>
</tr>
<tr>
<td>0 – 49.9 %</td>
<td>0</td>
</tr>
</tbody>
</table>
5) **RECITATION**: If you need any help, please first contact your Recitation Instructor. They will be able to help you. They will provide you with their e-mail details.

*If you want to write to me, please make sure that you mention the section you are in and also the subject of the e-mail. Without that information, it is difficult to sort through a list of 700 students.*

**Courtesy**: With a large class size, courtesy is extremely important in maintaining an effective learning environment. Here are some rules to follow.

- If you must arrive late or leave a lecture early, please do so in a way that does not disrupt the lecture for others. In particular, choose a seat near to the exit.
- Do not talk in class unless you are asking the instructor a question or responding to a question asked by the instructor. In particular even quiet conversation with your neighbor cannot occur.
- Cell phones, pagers, and other noise-making devices must be turned off. If you must be reached in an emergency, use a silent setting on your phone or pager.

**Attendance**: You are expected to attend all meetings (recitations/lectures) of the class. If you miss a class for whatever reason, you are responsible for all materials, assignments and deadlines missed. While office hours provide an opportunity for further clarification of materials covered in class, they will not substitute for classes.

**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 Scholarship and Grades, and in the all-University of Integrity of Scholarship and Grades, which are included in Spartan Life: Student Handbook and Resource Guide. Students who plagiarize may receive a 0.0 on the assignment or fail the course.

**ADA**: To arrange for accommodation, a student should contact the Resource Center for People with Disabilities at http://www.rcpd.msu.edu/ or (517)353-9642.

**Disclaimer**: The instructor reserves the right to make changes and additions that are academically advisable to any part of this syllabus. Such changes, if any, will be announced in class. Please note that it is your responsibility to attend the class and keep track of the proceedings.

**Important Dates for Spring Semester 2015**

- Jan. 12 First Day of Classes
- Jan. 16 Close of Adds
- Jan. 19 Martin Luther King Day (No class)
- Feb. 6 End of tuition refund period
- March 4 Middle of Semester — Last day to drop or withdraw with no grade
- March 9-13 Spring break (No class)
- May 1 Last Day of Classes
- May 6 Final Exam