STT 315 – Lecture 1 & 2 (Tentative syllabus 08-21-2014)

LECTURE 1 B 115 WH
8.30 -- 9.50 A.M

LECTURE 2 C102 WIL
3.00-4.20 P.M

NOTE: This Syllabus serves Lectures 1 & 2 and Recitations 1-24 of STT 315 for Fall 2014. Professor Ramamoorthi reserves the right to make revisions to the Syllabus and the course schedule that he considers to be academically advisable.

Instructor: Prof. R.V. Ramamoorthi WH C431, e-mail: ramamoor@stt.msu.edu

Office Hours: Monday, Wednesday 11.00 a.m — 12.00 noon. 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 and recitations will be used for supplementary material and problem solving.

Lecture 1, Sections 1 – 11, 23 attend M, W 8:30 - 9:50 a.m, B 115 WH
Lecture 2, Sections 12 – 22, 24 attend M, W 3.00 - 4.20 p.m, C 102 WIL

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 administered through MyStatLab is critical to success in the course.

The course will cover selected material from Chapters 2 – 7 of the text McClave, Benson and Sincich, Statistics for Business and Economics, 12th Edition, Pearson, 2012

Required Materials:


Class Pages: The STT 315 course information that we provide is found in the class pages on the web. Go to www.stt.msu.edu and follow the link Class Pages found at the bottom of the page. All students should click on the appropriate STT 315 Lecture 1 or 315 Lecture 2 link.
Exams, Quizzes and Home work.

1) There will be three in-class exams each worth 70 points. The lowest of these will be dropped in computing the course grade.

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

All the exams would be in multiple choice format. The exams are closed-book. However, you may bring one 8.5” by 11” sheet of paper with formulas and notes written or typed on both sides to each exam. 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.

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

3) There will be homework assigned through Mystatlab. Home work will contribute 30 points

4) There will be 30 points from your Recitation. Your recitation instructor will let you know the requirements for these.

Grades: Each in class exam is worth 70 points and I will drop the lowest of the three exam scores.

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<thead>
<tr>
<th>In class exam</th>
<th>70 x 2</th>
<th>= 140</th>
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<tbody>
<tr>
<td>Final</td>
<td>100</td>
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<tr>
<td>HW</td>
<td>30</td>
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<tr>
<td>Recitation</td>
<td>30</td>
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<tr>
<td>Total</td>
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The grades will be based on a straight scale roughly according to the following scheme

| 270---- 300 | 4.0   | 240 --- 269 | 3.5 |
| 210---- 248 | 3.0   | 170 --- 209 | 2.5 |
| 135----169  | 2.0   | 120 ---135  | 1.15|

The tentative dates for the exams are:

Wednesday, October 1, Wednesday, October 29, Monday, Dec 1.
Final Exam: Lecture 1: Thursday, December 11, 7:45-9:45 a.m.
Final Exam: Lecture 2: Tuesday, December 9, 3:00-5:00 p.m.
HOME WORK: 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 three attempts to get a correct answer on each part of each exercise. Look at the video below to get started on Mystatlab

Mystatlab youtube video for students
Your class codes will be given to you by your recitation instructor.

As we begin to cover a chapter, I will open the home work problems for the chapter. Once a home work is opened it will remain open and close on Dec 5. So you ample time to work on it. However, to get the most out of homework you should work on them as we cover a chapter in class or soon after.

StatCrunch (provided in MyStatLab), Excel, your TI calculator, or any of a number of software packages can be useful when solving exercises that involve a lot of data.

(c) RECITATION: 20 points from your recitations. These will be based on quizzes and other requirements that your recitation instructor will let you know.

Contact: 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.

Important Dates for Fall Semester, 2014

- August 27: First Day of Classes
- September 1: Labor Day (University Closed)
- September 3: Online Open Add Periods Ends
- September 22: End of 100% Refund
- October 1: EXAM 1
- October 15: Middle of Semester; Deadline to drop with no grade
- October 29: EXAM 2
- November 27 – 28: Thanksgiving Holiday (University Closed)
- December 1: EXAM 3
- December 5: Last Day of Classes
- December 9: Final Exam for Lecture 2
- December 11: Final Exam for Lecture 1
Aug 27 -- Syllabus and logistics

Sept 1 -- Labor Day

Chapter 2:
Sept 3, 8, 10

Chapter 3:
Sept 15, 17, 22, 24, 29

Oct 1: EXAM 1

Chapter 4
Oct 6, 8, 13, 15, 20

Chapter 5 (5.1, 5.3, 5.4)

Oct 22, 27

EXAM 2: Oct 29

Chapter 6: (6.1, 6.2, 6.3, 6.4, 6.5)

Nov 3, 5, 10, 12

Chapter 7 (7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8?)

Nov 17, 19, 24, 26

EXAM 3 Dec 1

Dec 3 Review