Math 1530: Probability and Statistics (Non –Calculus) – Section 005
Fall 2013
TR 1.00 PM to 2.25 PM DH 351

Instructor: Dr. Manohar Aggarwal ; Office: DH 386 ; Phone: 901-678-3756
Email: maggarwl@memphis.edu ; Office Hours: TR: MW 11.15 12.15 (or by appointment)


Topics Covered:
Part I: Producing Data
   - Samples, observational studies, experiments, data ethics, measurements, sampling variability
Part II: Organizing Data
   - Graphs, histograms, numerical descriptions, normal distributions, correlations and causations
Part III: Chance
   - Probability, risk, expected values
Part IV: Inference
   - Confidence intervals, hypothesis tests, use and abuse of statistics

REQUIRED EQUIPMENT: Access to internet will be required for on-line homework assignments. The student’s access code will be bundled with their textbook if purchased from the bookstore or may be purchased online at the WHFreeman home page.

To sign up for your course, you should:

1. Go to http://courses.bfwpub.com/scc8e.php (Mac users need to use Firefox).
2. Click on the link “REGISTER AN ACTIVATION CODE.”
3. You will be prompted to follow the on-screen instructions to find your course. You will start by selecting the school's state/province (Tennessee), the school name (University of Memphis), then your instructor, course, and/or section.
4. You will enter the activation code that came with your textbook or that you purchased from Freeman. You will also be asked to enter your email address, choose a password and you will be ready to go!
5. You can also purchase access on the website by clicking on the “PURCHASE” link.

EVALUATION:
There will be three in class tests and a final exam worth 100 points each. In addition there will be on-line homework assignments that will count a total of 200 points. The total possible number of points is 600. The students grade in the course will be based on the percentage of the possible 600 points obtained according to the following scale.

90-100% - A; 80 - 89% - B ; 70 – 79% - C ; 60 – 69% - D ; Below 60% - F

No makeup tests will be given. Each homework assignment will have a due date assigned. If the homework is not completed by the due date, the student will receive a grade of zero on that assignment. No replacement grades will be possible for any homework assignments not completed by the due date. It is very important that you do not miss any tests or homework assignments.
STUDENT DISABILITY POLICIES ACODATION AND SERVICES: Information available at
www.memphis.edu/sas

ACADEMIC MISCONDUCT: The University policy is available at
www.memphis.edu/studentconduct/misconduct.htm

The professor reserves the right to make any necessary changes to the information provided in
the syllabus during the semester.

Calendar:

August
27: Chapter 1
29: Chapter 2, Chapter 3

September
03: Chapter 4
05: Chapter 5
10: Chapter 6
13: Review
17: Test 1
19: Chapter 7
24: Chapter 8
26: Chapter 9

October
01: Chapter 10
03: Chapter 11
08: Chapter 12
10: Chapter 13/ Review
17: Test 2
22: Chapter 14
24: Chapter 15
29: Chapter 17
31: Chapter 18

November
05: Chapter 20
07: Test 3
12: Chapter 21
14: Chapter 22
19: Chapter 22
21: Chapter 23
26: Chapter 23

December
03: Review

Final Exam