Course Syllabus for MA/STA 320-002    Spring 2016

Title: Introductory Probability  
3 hrs. credit    Prerequisite: MA 213 or equivalent 

Lecture: MWF 2:00-2:50 p.m.    CB 331 
Instructor: Dr. Lawrence Harris  939 POT    Hours: MWF 3:00–3:50 


We will cover Chapters 1 through 9 of the text. This includes determination of probabilities, combinatorial analysis, conditional probability and independence, discrete and continuous random variables and their distributions, expectation and variance, the strong law of large numbers and the central limit theorem.

The lowest A is 405, lowest B is 360, lowest C is 315 and lowest D is 270 on the basis of 450 points earned as follows: 

- 2 midterm exams (100 points each)  200 points 
- weekly quizzes  50 points 
- weekly homework  50 points 
- 1 final exam  150 points 

The midterm exams will be given on Friday, February 19 and Friday, April 1. The final exam will be comprehensive and will be given in our classroom from 3:30 to 5:30 p.m. on Monday, May 2.

Web homework will be assigned each week throughout the entire semester. See the course webpage at http://www.ms.uky.edu/~larry/ma320.html. There will be a quiz each week (usually Friday) except in a week where there is an exam. Problem solutions on exams and quizzes will be graded according to the quality of the solution and not just the correctness of the answer.

Students may use a graphing calculator on exams but may not use any device with the ability to do symbolic computations such as the TI-89, TI-92, HP48 or a laptop, netbook, tablet, etc., computer. Moreover, any device capable of electronic communication such as a cell phone or computer must be turned off and put away out of sight during all examinations. During regular class periods cell phones must be turned off and laptops and tablets may not be used.

Attendance in class is expected. A student will receive an additional 20 points extra credit added to their final score at the end of the semester if the number of lectures for which the student is not present during the entire class period is no greater than three. (There will be 10 points extra credit if the number of unexcused absences is 4 and 5 points extra credit if the number of unexcused absences is 5.)
You are required to present FULL documentation that any makeups you request are required by University rules. This documentation needs to be submitted to me within 10 days of your absence and the earlier the better. If I have authorized you to take a makeup exam, it is your responsibility to contact me the week before dead week and schedule a time during dead week for you to take the exam. Excused absences for religious holidays require written notification one week in advance. A Tier 2 or Tier 3 document provided by UHS is appropriate verification for an excused absence for illness.