Dear Math 115 Instructors:

This course involves topics including descriptive statistics, probability, the normal distribution, estimation, hypothesis testing, and linear regression.

As a M115 instructor, it is your responsibility to meet the following requirements:

- Attend the two semester meetings.
- Carefully read the syllabus and follow it closely, i.e. do not reorganize the order of presentation of the material. It is imperative that we cover the same material at approximately the same time.
- Be sure to incorporate the graphing calculator into your lectures (references appear throughout the text). You will not only have to provide calculator instruction on how to do simple arithmetic procedures but also instruct students on how to find statistically useful quantities and to create graphs. I suggest that you require your students to bring their calculators and user’s manuals everyday. UTK’s Math Department provides support for the TI-83/83+ and TI-84/84+. The TI-81, TI-85, and TI-86 have been discontinued. Should some students no longer have their manuals, refer them to the following web site to download and print the chapter on statistics (you may want to do this too for the calculators you are not familiar with): [www.education.ti.com/us/global/guides.html](http://www.education.ti.com/us/global/guides.html). During lectures, when you are demonstrating functions of the calculator, have them sit in groups according to the types of calculators they have. Usually they will be able to help each other along with your guidance.
- Pages in TI-83 manual relevant to sections in Triola: 12-2 to 12-4 and 12-23 (sections 9-2 & 9-3); 12-20 to 12-21 and 12-24 to 12-25 (sections 2-4 & 2-5); 12-31 to 12-32 (section 2-3); 12-33 (section 2-7); 13-9 to 13-10 (section 7-3); 13-11 (section 7-4); 13-14 (section 7-5); 13-16 (section 6-2); 13-17 (section 6-3); 13-20 (section 6-5); 13-29 to 13-30 and 13-35 (sections 5-2, 5-3, 5-4, and 5-5); 13-33 (section 4-3). Use calculator only to remove tediousness from the subject matter. Make sure the students have a reasonable understanding of the material before introducing the calculator so that they don’t become too reliant on the calculator.
- I will need a copy of your syllabus sometime this week. Also, submit to me in a timely manner all exams including your final before administering them.
- In addition to exams incorporate quizzes, homework or computer labs every week.

Be sure to contact me whenever problems, questions, or comments arise. My e-mail address is hagop@math.utk.edu; my office phone number is 974-3708.

Sincerely,

H. Jack Kilislian