

April 14, 2010

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Math 1070 Instructors, Spring 2010  
Department of Mathematics & Statistics  
Georgia State University

Dear Instructors,

As part of the departmental assessment efforts, we would like you to include the attached questions in your final exam. There are two choices on each of the following topics: graphical display of data, normal distributions, linear regression, and hypothesis testing. Please choose one question from each of the four topics for use on your final exam. I attached  $\LaTeX$  source file for your convenience. Feel free to rewrite the questions so that the format matches your exam. Note that graphics is created using PSTricks so you must use latex command for  $\TeX$ -ing. You may not use these questions in any way for class review sessions or questions, even if you change the numbers.

Attached to this e-mail is also the Math 1070 content standard Excel file. You are required to send this completed Excel file to Dr. Yichuan Zhao ([matyiz@lagate.gsu.edu](mailto:matyiz@lagate.gsu.edu)), who is responsible for assessing Math 1070, on the date when final grades are due for Spring 2010 as well as to me. Note that the attached questions are targeting the following learning outcomes:

**1a, 4bc, 6ad, 10defg**

When grading your final exam, make a note on whether each student has either answered each of the questions totally correct, partially correct, totally incorrect, or has not attempted the question at all. Enter your totals for each question in the attached Excel Worksheet. For example, if you have 40 students, and 30 students answered the question corresponding to learning outcome 4b totally correct, you would enter 30 in row 4b and column Totally Correct.

Thank you for your cooperation in this important matter.

Sincerely,

Predrag Punoševac

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