APPLICATION-ASSIGNMENT RUBRIC (R)					
Characteristics and Weights	*Excellent (5)*	*Good (4)*	*Fair (3)*	*Needs Improvement (2)*	*Falls far short of standard (1 or 0)*
Programming is applied to Newton's Method. Approval was given for topic other than this. (0.5)					
Programming is relevant and accurate. (9)					
Programming has appropriate style (all commands are in functions, code is streamlined, etc.). (1)					
Code is uploaded to Blackboard as a .R script. Invocation statements are at bottom of file. Writing refers to file contents. (1)					
Discussion of math is relevant and accurate. (4)					
Introduction to topic is similar in style to APEX Calculus Section 4.1, except target audience knows R. Explanations are clear, show full understanding, have appropriate detail. (0.5)					
At least two very distinct problems beyond the simplest introductory level are included. (2)					
Significance of results is discussed. (1)					
Figure(s) are included to clarify explanations. The writing refers to them. They are labeled. (0.5)					
Writing is free of mechanical errors (spelling, punctuation, sentence structure). Sources are listed for calculus/non-program-ming material. (0.5)					