Calculus students,

Attached is a letter from H. Hickam, a member of the Rocketry Club of Smalltown, ND. He has a bit of a dilemma, which he describes in his letter, and needs your help to find a solution. He needs your answer by November 7, so your response will be due at the beginning of class on November 7, 2014.

In order to help you find time to complete the work, and to make grading easier for me, you may work in groups of two people on this project. Be sure that both names appear in the return address of the letter that you write.

Your project will be graded according to the rubric below. Many of the items on this list are essentially a checklist–make sure that the necessary details are present in your project in order to get credit. Please attach this page to your completed project.

Grading Criterion	Points Possible	Points Earned
Not longer than 3 pages	5	
Uses appropriate style and tone	5	
Proper attribution of any sources	5	
Restates details of the problem	5	
Clearly states and explains the answer to the problem	10	
Gives appropriate mathematical formulae	15	
Has correct grammar and spelling	15	
Recommends an appropriate course of action	15	
Mathematics is correct	25	
Bonus: Project turned in before November 7	5	
Total Score	100	

I hope that you will be able to successfully help Mr. Hickam.

Darrin Doud

Professor of Mathematics
Brigham Young University