

**Project #2**

Analyze the problem of maximizing the volume of a (right circular) cylinder inscribed in an ellipsoid. Aim for a general analysis, although you might find it useful to start with special cases (such as a sphere). Correct analysis of a special case is of more value than incorrect or incomplete analysis of the general case.

Refer to the earlier handout on general project requirements for details on expectations. One way to approach your writing is to think of authoring an example in a textbook.

Your project is due on Friday, November 5.