

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 a more general case.

Refer to the earlier handout on general project requirements for details on expectations. As a target audience, you should consider peers who have the same level of experience in calculus as you but who have not previously thought about this problem. One way to approach your writing is to think of authoring an example in a textbook.

Your project is due on Thursday, April 7.