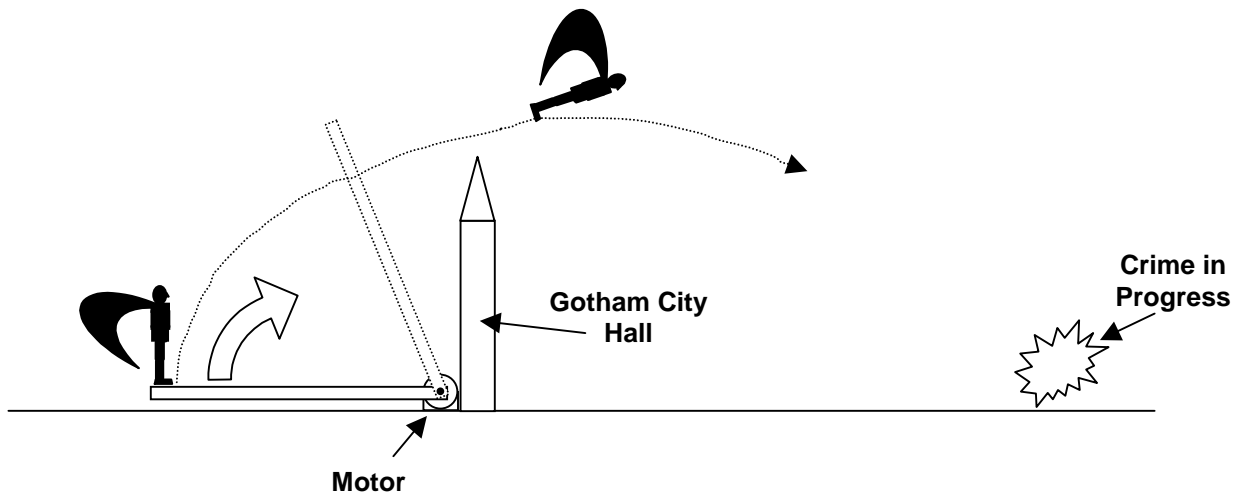


MAE 106 Mechanical Systems Laboratory
Final Project 2000

BATAPULT

For your final project you will design and build a motorized catapult that is capable of hurling a Batman action figure over a scale representation of Gotham City Hall in order to “fight crime”:



The goal is to make Batman fly as far as possible without the catapult knocking over Gotham City Hall. No mechanical stops will be allowed to halt the catapult.

On the day of the scheduled final, there will be a contest testing your catapult.

You will be provided with a motor as a starting point, and will work in teams of two or three.

Discussion Question: *What are some of the subproblems that you will need to solve in order to successfully complete your project?*