Exercise 1
Grading Basics Review

Due: Tuesday, 1.15.2013

Objective:
To review some of the skills needed to read and manipulate contour maps.

Assignment:
1. Identify on the provided contour map all:
   - High points
   - Low points
   - Direction of water flow
   - Swales
2. Graphically identify and calculate 5 evenly continuous slopes.
3. Draft at least 2 sections through the map.
4. Complete the Chapter 4 exercises from Strom, Nathan and Woland: 4.1, 4.2, 4.3 (attached).
4.1.
In the figure below, draw the 1-ft contours that result from interpolating between the elevations provided.

4.2.
For the information given in the figure below, determine elevations for points A, B, and C.

4.3.
Interpolate the elevations at the points shown in the figure below.