

FOR 274 Assignment 4: Traingulation and Bearings [20 points]

This assignment should be completed and handed in at the start of the next lab.

Refer to Map Resource 1 (from the website) and answer the following questions:

Task 1: What are the Bearings and Horzintal Distances between:

(i) Site A and Site B

(ii) Site A and Site C

Task 2: Calculate the bearings and distances you would use to triangulate to the small lake beneath the word “Big” at the top of Big Meadow Creek from:

(i) Site A and Site D

(ii) Site B and Site C

Task 3: Calcualte the Elevation difference and horizontal distance between these two map features:

1. The small lake shown under the word “Big” at the top of Big Meadow Creek.
2. Beulah Cemetary

Task 4: What is the Bearing from the Lake to the Cemetary?

Task 5: What is the bearing from the Cemetary to the “S” of Spring Hill Reservior?