

Read lab manual Chapter 9 Topographic Maps; define the following terms or answer questions. Use internet search tools as needed.

**Lab 5: Topographic Maps and Aerial Photographs**

5-1. Define the following map-related terms:

A. Longitude

B. Latitude

C. Topographic map

D. Fractional Scale

E. Contour Interval

F. Index Contour

G. Gradient

5-2. Discuss the difference between a "quadrant bearing" and an "azimuth bearing". **Give examples of each.**

5-3. What is the difference between a topographic map and a topographic profile?

5-4. What is the significance of aerial photographs? (how are they obtained, how may they be used?)