

# **Physical Geology Lab (Geol 113, Section 002, 004)**

## **Topographic Maps (Lab Chapter #9)**

### **Focus of Lab:**

Topographic maps and cross-sections

### **Objective:**

Recognize and understand major features of a topographic map (i.e., symbols, direction, scale, contours, etc.); determine distance and elevation, and calculate land slopes; construct vertical profiles and calculate vertical exaggeration.

Read pages 167-191 (Scales of Maps and Models).

We will briefly discuss the following terms.

- Direction and Compass Bearing
- Scales
- Map Symbols (Fig 9.2, page 170)
- Contour Lines
- Relief
- Gradient (rise/run) or Slope

Complete the following questions on pages 185 – 191  
#2, 4, 5(a,b), 10-19