

## ES302 Introduction to Stereographic Projections

Read and review the Stereograph lab introduction from textbook.

[http://www.wou.edu/las/phyci/taylor/g302/stereo\\_graphic\\_projections.pdf](http://www.wou.edu/las/phyci/taylor/g302/stereo_graphic_projections.pdf)

Using an equal-area stereonet and tracing paper, complete the following tasks:

Task 1. Using tracing paper and a lower hemisphere projection, plot the planes of sandstone beds with the following attitudes:

<b>Strike</b>	<b>Dip</b>
45	20 SE
50	22 SE
60	23 SE
90	15 S
315	26 SW
310	24 SW
300	23 SW
272	18 S

Task 2. Using a separate sheet of tracing paper and a lower hemisphere projection, plot the poles to sandstone beds with the following attitudes:

<b>Strike</b>	<b>Dip</b>
45	20 SE
50	22 SE
60	23 SE
90	15 S
315	26 SW
310	24 SW
300	23 SW
272	18 S