The following is the tentative schedule for lab work. Each lab will be handed out during the lab class on Thursday and due the following Thursday at the beginning of lab class. This provides you with week to complete the material. Any late assignments will be docked 25% and only accepted if turned in by the next class period (in this case Tuesday at 9:30am). The two field assignments will be considered lab assignments for the number of labs you receive. However, the Orocopia and Shadow Mtns assignments are different in grading (see course syllabi grading criteria) and you will be provided with more time to complete these tasks due to the amount of material needed to be complete them.

The amount of work for each lab will have a high variability. Because of this factor each lab will have differential points which will be normalized to 10pts per lab. As an example, if there are 28 pts on a lab and you provide 23 correct answers, your score for that lab will be 8.21pts.

Neatness will be another consideration for all labs in this course. You want to develop good habits of providing, clean, well organized, easily readable reports. I should be able to look at your lab and be able to tell immediately what you are attempting to accomplish and show to me. There will be a neatness score for each lab, usually 5 pts of the total problem set before normalization.

Point Distribution:

<table>
<thead>
<tr>
<th>Labs</th>
<th>120pts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Final</td>
<td>60pts</td>
</tr>
<tr>
<td>Final Reports</td>
<td>60pts</td>
</tr>
<tr>
<td>Totals</td>
<td>240pts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week Beginning</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 27</td>
<td>Map interpretation tools; Rule of V's, Cross Sections</td>
</tr>
<tr>
<td>September 3</td>
<td>Strike Lines, apparent dips, and Three-Point problems</td>
</tr>
<tr>
<td>September 10th</td>
<td>Introduction to Stereonets</td>
</tr>
<tr>
<td>September 17th</td>
<td>Shadow Mountains Exercise</td>
</tr>
<tr>
<td>September 21,22,23</td>
<td>Shadow Mountains Field Trip</td>
</tr>
<tr>
<td>September 24th</td>
<td>Stereonets Continued</td>
</tr>
<tr>
<td>October 1rd</td>
<td>Orthographic Projections</td>
</tr>
<tr>
<td>October 8th</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
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<td>----------------------------------------</td>
</tr>
<tr>
<td>October 15th</td>
<td>Orocopia pretrip meeting</td>
</tr>
<tr>
<td>October 19-21</td>
<td>Orocopias Field Trip</td>
</tr>
<tr>
<td>October 22th</td>
<td>Isopach and Isochore Data</td>
</tr>
<tr>
<td>October 29st</td>
<td>Stress and Strain Analysis</td>
</tr>
<tr>
<td>November 5th</td>
<td>Stereonet Statistical Analysis</td>
</tr>
<tr>
<td>November 12th</td>
<td>Mohr Circles</td>
</tr>
<tr>
<td>November 19st</td>
<td>Balanced Cross-Sections</td>
</tr>
<tr>
<td>November 26th</td>
<td>Rotation Around a Horizontal Axis</td>
</tr>
<tr>
<td>December 3th</td>
<td>Lab Final</td>
</tr>
<tr>
<td>December 10th</td>
<td>No lab</td>
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</tbody>
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