Bloom's Taxonomy for Geotechnical Engineering Survey

UNC Charlotte Student 800 Number: __________________ Date: __________

Gender: __________ Age: _________ Ethnicity: ______________________

Current Level (circle one):  
- Freshman  
- Sophomore  
- Junior  
- Senior

Notes: Please rate your degree of confidence by choosing a number from 1 to 5 where

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cannot do at all</td>
<td>More confident than “1”</td>
<td>In the middle</td>
<td>Less confident than “5”</td>
<td>Certainly can do</td>
</tr>
</tbody>
</table>

1. Remember the concepts regarding soil structure.  
2. Remember the concepts regarding seepage.  
3. Remember the concepts regarding effective stress.  
4. Remember the concepts regarding consolidation.  
5. Remember the concepts regarding shear strength.  
6. Understand the concepts regarding soil structure.  
7. Understand the concepts regarding seepage.  
8. Understand the concepts regarding effective stress.  
9. Understand the concepts regarding consolidation.  
10. Understand the concepts regarding shear strength.  
11. Solve a problem using the concepts regarding soil structure.  
12. Solve a problem using the concepts regarding seepage.  
13. Solve a problem using the concepts regarding effective stress.  
14. Solve a problem using the concepts regarding consolidation.  
15. Solve a problem using the concepts regarding shear strength.  
16. Analyze a problem using the concepts regarding soil structure.  
17. Analyze a problem using the concepts regarding seepage.  
18. Analyze a problem using the concepts regarding effective stress.  
19. Analyze a problem using the concepts regarding consolidation.  
20. Analyze a problem using the concepts regarding shear strength.  
21. Evaluate a problem using the concepts regarding soil structure.  
22. Evaluate a problem using the concepts regarding seepage.  
23. Evaluate a problem using the concepts regarding effective stress.  
24. Evaluate a problem using the concepts regarding consolidation.  
25. Evaluate a problem using the concepts regarding shear strength.  
26. Create a problem using the concepts regarding soil structure.  
27. Create a problem using the concepts regarding seepage.  
28. Create a problem using the concepts regarding effective stress.  
29. Create a problem using the concepts regarding consolidation.  
30. Create a problem using the concepts regarding shear strength.