

**Appendix I: Scoring Rubric for Term Paper Outlines (Fall 2005, Dr. B. T. Hentschel).**

Level of Achievement	Hierarchical Organization	Conceptual Understanding	Use of Literature
<b>Exemplary</b>	<ul style="list-style-type: none"> <li>• (10 pts)</li> <li>• The topic has been divided logically into manageable components</li> <li>• Main topic clearly stated</li> <li>• Organized into at least 3 "Sections"</li> <li>• Further organized into at least 3 "Subsections" (i.e., paragraph topics) within each main "Section"</li> </ul>	<ul style="list-style-type: none"> <li>• (20 pts)</li> <li>• The topic has been focused and organized in a way that will facilitate the subsequent writing of paragraphs (cohesive, topical groups of sentences)</li> <li>• Demonstrates clear &amp; comprehensive knowledge of the topic</li> <li>• "Sections" cover existing knowledge &amp; future research or ideas</li> <li>• All "Subsections" that need to be discussed have been identified.</li> </ul>	<ul style="list-style-type: none"> <li>• (20 pts)</li> <li>• Evidence of a strong start in finding proper literature</li> <li>• Cites at least 15 total</li> <li>• Cites at least 8 articles from primary literature</li> <li>• Uses <i>Ecology</i> formats</li> <li>• "Subsections" that still need literature are identified</li> <li>• &lt; 4 "Subsections" still need literature citations</li> </ul>
<b>Quality</b>	<ul style="list-style-type: none"> <li>• (~ 8 pts) As above, but...</li> <li>• Only 2 "Subsections" within one of the 3-6 main "Sections"</li> </ul>	<ul style="list-style-type: none"> <li>• (~ 15 pts) As above, but...</li> <li>• Missing 1 obvious &amp; important "Section" (i.e., a major subtopic)</li> <li>• Missing 2-3 important "Subsections"</li> </ul>	<ul style="list-style-type: none"> <li>• (~ 15 pts) As above, but...</li> <li>• 10 total citations</li> <li>• 5 from primary literature</li> <li>• 4 "Subsections" need lit.</li> </ul>
<b>Adequate</b>	<ul style="list-style-type: none"> <li>• (~ 6 pts) As above, but...</li> <li>• Only 2 "Subsections" within 2 "Sections"</li> </ul>	<ul style="list-style-type: none"> <li>• (~ 10 pts) As above, but...</li> <li>• Missing 2 important "Sections"</li> <li>• Missing 4-6 important "Subsections"</li> </ul>	<ul style="list-style-type: none"> <li>• (~ 10 pts) As above, but...</li> <li>• Minor lapses from <i>Ecology</i></li> <li>• 8 total citations</li> <li>• 4 from primary literature</li> <li>• 5 "Subsections" need lit.</li> </ul>
<b>Needs Improvement</b>	<ul style="list-style-type: none"> <li>• (0-5 pts)</li> <li>• Unclear hierarchy of ideas</li> <li>• Less than 3 "Sections"</li> <li>• A "Section" has only 1 "Subsection" within it</li> </ul>	<ul style="list-style-type: none"> <li>• (0-9 pts) As above, but...</li> <li>• Topic is disorganized</li> <li>• Unclear comprehension of topic</li> <li>• Missing 7 important "Subsections"</li> </ul>	<ul style="list-style-type: none"> <li>• (0-9 pts) As above, but...</li> <li>• Doesn't use <i>Ecology</i> format</li> <li>• 6 total citations</li> <li>• 3 from primary literature</li> <li>• 6 "Subsections" need lit.</li> </ul>