Hawaii Community College  
PLO Alignment to GELOs  
Tropical Forest Ecosystem and Agroforestry-TEAM (10-18-17)

<table>
<thead>
<tr>
<th>Program Learning Outcomes (PLOs)</th>
<th>Critical Thinking</th>
<th>Information Competency</th>
<th>Technological Literacy</th>
<th>Quantitative Reasoning</th>
<th>Areas of Knowledge</th>
<th>Self and Community</th>
<th>Cultural Diversity</th>
<th>Ethics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Apply basic ecosystem concepts to natural resource management.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Use an understanding of general scientific concepts in design of forestry systems.</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Use knowledge of applicable laws and regulations to make decisions about managing ecosystems.</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4. Apply effective interpersonal and communication skills.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Recognize, collect, and interpret field data.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Apply effective management practices to commercial or conservation efforts.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Proposed by: (All program faculty)  
Orlo Steele  
Pamela Scheffler  
Melanie Wilson  
Joni Onishi  

Approved by: (Program DC)  
Signature  
Date 3/21/18  

Approved by: (LA Dean)  
Signature  
Date 4/2/18  

Approved by: (VCAA)  
Signature  
Date 4/5/2018  

Approved by: (IAC)  
Signature  
Date 4/6/2018  

Date 4/01/18  