# Applications of ECG and EMG Rubric

## Rubric for Design Activity

<table>
<thead>
<tr>
<th></th>
<th>Above average (15+ points)</th>
<th>Average (6-14 points)</th>
<th>Below average (&lt;6 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Creativity (20 points)</strong></td>
<td>The student developed an original design that shows use of critical thinking and desire to solve a problem in a new, efficient way.</td>
<td>The student developed a design that shows some creativity, but is very similar to other students’ ideas OR does not show as much time and thought.</td>
<td>The student did not make an effort to create an original, new idea. Their work shows little thought and creativity.</td>
</tr>
<tr>
<td><strong>Use of information from lecture (20 points)</strong></td>
<td>The student correctly used the disorder/diseases and data analysis tools from lecture when designing their device. They provided additional information through research about the disorder/disease they chose that is relevant to their project.</td>
<td>The student (mostly or completely) correctly used the disorder/diseases and data analysis tools from lecture when designing their device. They provided information through research about the disorder/disease they chose, but the information was not shown to be relevant to the project.</td>
<td>The student did not apply knowledge from the lecture when creating their device design. They did not complete (or did not find any relevant information from) their research on a disorder or disease from the list.</td>
</tr>
<tr>
<td><strong>Completeness (40 points)</strong></td>
<td>The student completed the project in its entirety, and did not make any shortcuts in their work.</td>
<td>The student completed most of the project, but missed a few details or did not complete a step in the design process.</td>
<td>The student showed little effort in completing the project. They left multiple steps blank or unfinished.</td>
</tr>
</tbody>
</table>

**TOTAL:**