Outcome (h) Rubrics

**Understanding of the impact of engineering solutions in a global, economic, environmental, and societal context**

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| **Representative Student's Name** | **ID #** | **Term (e.g., T071)** | **Lab or Course #** |  | ***Evaluator's Input*** |
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| **Outcome** | **Score (1 - 4)** | **Exemplary (4)** | **Proficient (3)** | **Apprentice (2)** | **Novice (1)** |
| **Awareness of global effects of engineering solutions (product, practice, event)** |  | Deep understanding of the immediate and long-term issues involving the solution on users and non-users locally and globally | Good understanding of the widespread effects of the solution but with somewhat limited perspective about long-term factors | Some awareness of the more extended effects of the solution | Seems to have considered only effects on immediate users |
| **Understanding of economic factors** |  | Deep understanding of economic factors applied to this and related solutions and the impact they may have on the economy at large as well as long term trends | Good understanding of economic factors as applied to this solution and how it affects other related solutions | Some understanding of economic factors as applied to the solution | Little or no understanding of economic factors involved in the creation and/or use of the solution |
| **Awareness of implications to society at large** |  | Deep understanding of the immediate and long term implications to society in the creation and/or use of the solution, and the overall potential benefits and risks to society. | Good understanding of the implications to society in the creation and/or use of the solution, as well as its relation to general societal issues | Moderate understanding of the implications to society in the creation and/or use of the solution | Little or no understanding of (or interest in?) implications to society involved in the creation and/or use of the solution |