**Student Name**

**Outcome E – Ability to identify, formulate, and solve engineering problems**

**Assignment used for Direct Measurement:**

<table>
<thead>
<tr>
<th>Categories of Performance</th>
<th>Level of Accomplishment</th>
<th>Sub-Scores</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>-1 Inadequate</td>
<td>+1 More than Adequate</td>
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<td>(provide comments)</td>
<td>(provide comments)</td>
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<tr>
<td></td>
<td>0 Adequate</td>
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<tr>
<td></td>
<td>(description of minimum standard)</td>
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</tbody>
</table>

**-1 Inadequate**
- Inadequate (provide comments)

**0 Adequate**
- Adequate (description of minimum standard)

**+1 More than Adequate**
- More than Adequate (provide comments)

- Can formulate an approach to solve engineering problems; follows a logical strategy.
  - Formulated an approach to solving the problem using a logical strategy.
- Understands how theoretical concepts can be applied in practical problem solving.
  - Connected theoretical concepts to practical problem-solving.
- Can utilize available resources to find information needed to solve problems, even problems not similar to those seen in class.
  - Used commonly available resources, and any needed resources beyond what was given in the classroom, to solve the problem.
- Gets correct answers to problems and verifies the reasonableness of the solutions.
  - Got a correct answer to the problem, and checked to verify that the answer was reasonable.

**Total Score**

*(Total scores greater than or equal to zero meet the minimum expectations of the faculty and the program objectives.)*