## Associate of Science Rubric
### Mathematics

<table>
<thead>
<tr>
<th></th>
<th>4</th>
<th>3</th>
<th>2</th>
<th>1</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>“Accomplished”</td>
<td>“Competent”</td>
<td>“Acceptable”</td>
<td>“Beginner”</td>
<td>Novice</td>
</tr>
</tbody>
</table>

### Problem Solving
- Shows thorough understanding
- Used a strategy that best fits the problem
- Work is correct
- Answer makes sense and clearly solves the problem
- Solves problem correctly and checks the solution
- Shows good understanding of the problem
- Used a strategy that worked.
- Work is mostly correct
- Errors, if any, are minor
- Answer makes sense and solves the problem
- Shows some understanding of the problem
- Tried a strategy
- Work is partly correct
- Answer makes no sense or makes sense and no work is shown
- Shows little, if any understanding of the problem
- No clear strategy was used.
- Work has major errors
- Answer does not make sense
- No response or did not identify the problem.

### Communication
- Selects and uses all important information from the problem
- Work is complete, clearly organized, and easy to follow.
- Uses words (labels and sentences), numbers and pictures to clearly explain thinking. Every step is shown and matches
- Uses correct math vocabulary and symbols.
- Shows data correctly using charts, tables, and/or graphs if appropriate
- Selects and uses all important information from the problem
- Work is complete, organization is fairly clear
- Uses words (labels and sentences), numbers, and pictures to explain thinking. Every step is shown
- Uses correct math vocabulary and symbols.
- Shows data correctly using charts, tables, and/or graphs if appropriate
- Selects and uses some important information from the problem
- Work is partly complete, may not be very clear or organized
- Tries to use words (labels or sentences), numbers or pictures to explain thinking. Some steps may be missing
- Uses some correct math vocabulary and symbols.
- Tries to show using charts, tables, or graphs if appropriate
- Does not select and use important information from the problem
- Little work is evident and/or is very confusing
- Words, numbers, and/or pictures are not used or do not match the problem
- Does not use correct math vocabulary and symbols.
- Charts, tables and/or graphs are not used, even when appropriate
- No response or response is completely unintelligible.