SREB

Aerospace Engineering - Course 1

Code: 9020
AEROSPACE ENGINEERING – COURSE 1

Test Code: 9020
Version: 01

Specific Competencies and Skills Tested in this Assessment:

Information about the AC course standards can be found in the front of the AC course teacher guide.

CTE
1 CTE
2 CTE
3 CTE
4 CTE
5 CTE
7 CTE
10 CTE

Literacy
R2 Literacy
R4 Literacy
R5 Literacy
R6 Literacy
R8 Literacy

Math
4 Math
5 Math
7 Math
9 Math

Science
1 Science
4 Science
5 Science
B4 Science
E2 Science
F1 Science
Aerospace Engineering – Course 1 (continued)

Written Assessment:

Administration Time: unlimited
Number of Questions: 63

Areas covered:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>43%</td>
<td>CTE</td>
</tr>
<tr>
<td>13%</td>
<td>Literacy</td>
</tr>
<tr>
<td>27%</td>
<td>Math</td>
</tr>
<tr>
<td>17%</td>
<td>Science</td>
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Sample Questions:

A standard isometric drawing is drawn at an angle of _____.
A. 15 degrees  
B. 20 degrees  
C. 30 degrees  
D. 45 degrees

The best definition for the word protocol is _____.
A. A plan for carrying out an experiment  
B. A detailed experiment  
C. A log of scientific results  
D. An explanation of procedures

Which force is best represented by the resistance that occurs when riding a bicycle against a strong head wind?
A. Lift  
B. Drag  
C. Thrust  
D. Gravity