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:**

- 43% CTE  
- 13% Literacy  
- 27% Math  
- 17% Science

**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

*The online testing system provides a built-in, five-function calculator. However, a scientific calculator is recommended for this assessment.*