

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:

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