

SREB

Clean Energy Technology - Course 2

Code: 9041

CLEAN ENERGY TECHNOLOGY – COURSE 2

Test Code: 9041

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

1B or ET-1 CTE
2B or ET-1 CTE
10B or ET-1 CTE
14B or ET-1 CTE
2C or ET-1 CTE
5C or ET-1 CTE
2D or ET-1 CTE
5D or ET-1 CTE
8D or ET-1 CTE
1E or ET-1 CTE
2E or ET-1 CTE
9E or ET-1 CTE
1F or ET-1 CTE
6F or ET-1 CTE
14G or ET-5 CTE
16d or ST-1 CTE
16e or ST-1 CTE
18A or ST-1 CTE
18B or ST-1 CTE
20A or ST-1 CTE
28A or ST-1 CTE
18D or ST-1 CTE

Clean Energy Technology – Course 2 (continued)

Literacy

RST9-10 Literacy

RST.9-10.3 Literacy

RST.9-10.4 Literacy

Math

A.REI.1 Math

N-Q.1 Math

N-Q.2 Math

F-TF5 Math

N-VM.C.6N-VM.C.6 Math

N-VM.C.6 Math

Science

HP-PS3-2 Science

HP-PS3-2 Science

HS-PS3-3 Science

HS-ETS1-2 Science

HS-ETS1-2 Science

Clean Energy Technology – Course 2 (continued)

Written Assessment:

Administration Time: unlimited

Number of Questions: 51

Areas covered:

43%	CTE
16%	Literacy
21%	Math
20%	Science

Sample Questions:

The most dangerous radiation to living things is:

- A. Alpha
- B. Neutrino
- C. Beta
- D. Gamma

Find the area of a window that is 4 feet tall and 22 inches wide.

- A. 88 square inches
- B. 88 square feet
- C. 7.33 square feet
- D. 7.33 square inches

The factors that control the amount of electricity produced in a microbial fuel cell are the type of bacteria present and the:

- A. size of the cell
- B. phosphorus content
- C. temperature
- D. capacity of the batteries