

SREB

Integrated Production Technologies - Course 1

Code: 9021

INTEGRATED PRODUCTION TECHNOLOGIES – COURSE 1

Test Code: 9021

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

CTE.AMS.3a
CTE.AMS.3b
CTE.AMS.3c
CTE.AMST.2b
CTE.DM.1a
CTE.DM.1b
CTE.DM.1c
CTE.DM.1d

Literacy

L.RST.9-10.4
L.RST.9-10.5
L.RST.9-10.7

Math

A-CED-4
F.B.5
G-GMD.B4
N.Q.3
S.MD.7

Science

S.PS2-5
S.PS4-1
S.PS4-6

Integrated Production Technologies – Course 1 (continued)

Written Assessment:

Administration Time: unlimited

Number of Questions: 49

Areas covered:

35%	CTE
20%	Literacy
20%	Math
25%	Science

Sample Questions:

Based on the electrical color code:

- A. Red = input; black = output
- B. Red = negative; black = positive
- C. Red = positive; black = negative
- D. Red = Ground (GND); black = Supply Voltage (SV)

If one bulb in a circuit fails but the other bulbs remain lit, what might you conclude?

- A. The lit bulbs are in a different circuit
- B. It is a series circuit
- C. It is a parallel circuit
- D. The wire to the burnt bulb isn't thick enough

Which type of energy is a form of electromagnetic energy?

- A. Sound
- B. Chemical
- C. Nuclear
- D. Light