



# SREB

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## **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