

*Advanced Skills Assessment Blueprint*

*Instrumentation and Control*

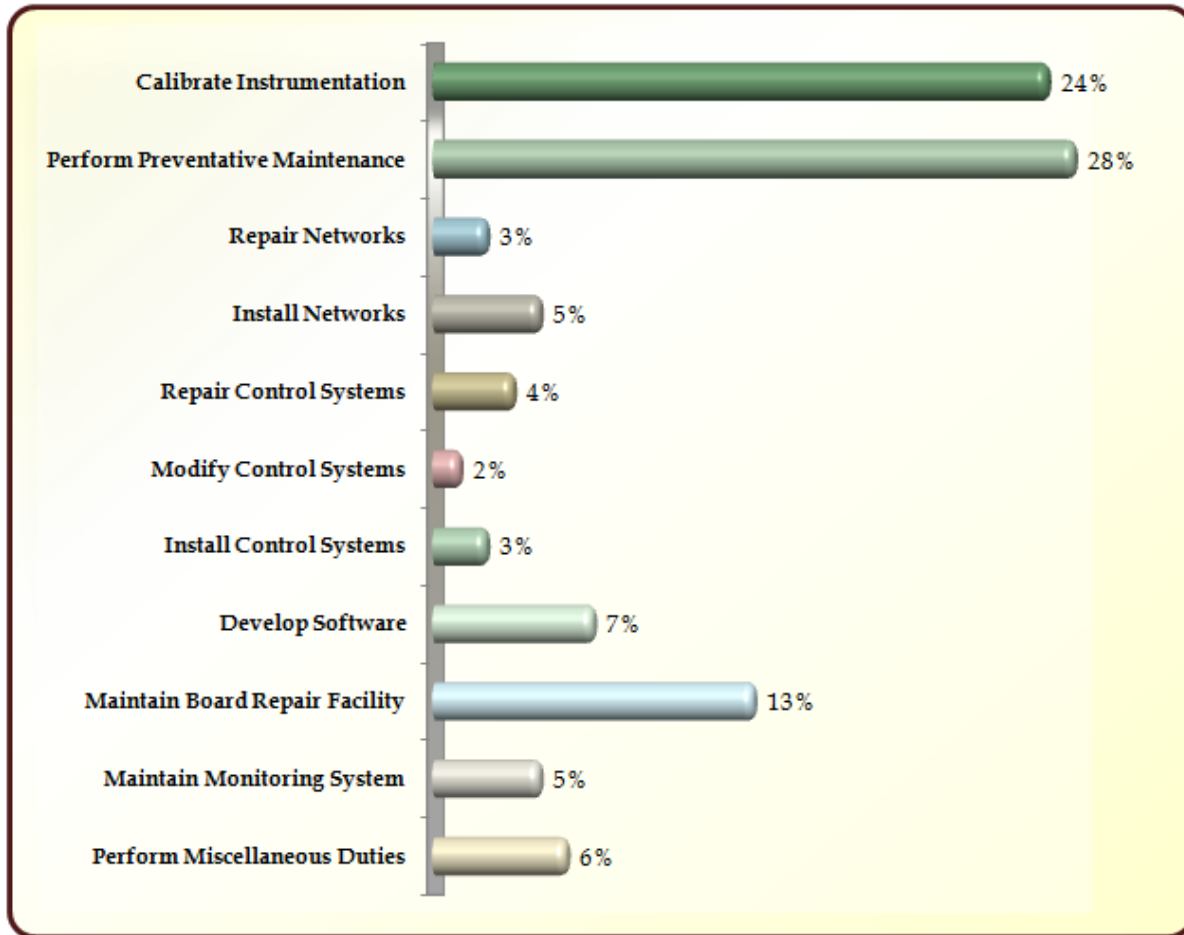


## Written Assessment:

Administration Time: 3 hours

Number of Questions: 160

### Areas Covered:



## Sample Questions:

Specific gravity is measured in wet cell batteries to determine

- A. level of water
- B. amount of EMF
- C. acid concentration
- D. number of bad plates

A "brown out" condition in an electrical circuit is

- A. no voltage
- B. low voltage
- C. high voltage
- D. DC voltage

What is the purpose of using a MOV in a communication line?

- A. fault locator
- B. control device
- C. surge protection
- D. transmission media

When switching from backup to normal power on an UPS system, what should always be done first?

- A. turn inverter on
- B. turn inverter off
- C. notify coordinators
- D. disconnect batteries

What is electricity in motion called?

- A. voltage drop
- B. electrical pressure
- C. static electricity
- D. current

