



## CONTEST SCOPE

*Program Name- Internetworking  
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**Berks Career and Technology Center**  
*East Campus – 3307 Friedensburg Road Oley, PA 19547*

### **Contest:**

Internetworking

### **Purpose:**

This contest measures the ability of students to complete entry level basic network administration skills including routing, switching, IOS configuration and management, cable skills.

### **Clothing:**

Contest appropriate clothing. Students will not be penalized for clothing unless it is a safety violation.

## **Equipment and Material:**

### **Equipment/Tools/Materials Provided by Host School:**

PC for routing/switch configuration  
Cisco Router  
Cisco Switch  
Console Cable (for configuration)  
Basic Cabling Making Tools and Tester  
Pen/Pencil for written assessment

### **Equipment/Tools/Materials Provided by the Contestant:**

What should the contestant bring with them to contest  
NONE

## **Scope of Contest**

Competitors will be expected to demonstrate their skills by completing the following tasks:

Written Test

Basic Switch Configuration including InterVLAN routing

Basic Routing Configuration

Basic Cable Making Skills (Patch, Crossover, Rollover)

## **Additional Information**

Some portions of the assessment may be completed on a simulation software (Packet Tracer)