

# INFORMATION TECHNOLOGY COMPETITIONS

## WRITTEN EXAM INFORMATION

### State Leadership and Skills Conference 2022

Thanks to a special partnership with Testout, SkillsUSA Florida is excited to offer industry credentials for some of our IT-related competitions. Please review the information below to prepare for the exams. These exams only apply to students in the following competitions:

- Cybersecurity
- Information Technology Services
- Internetworking

Students will receive an email with information on creating their account. This email will be sent to the email address provided at registration. Please verify with students that they have received this email by Monday, April 4 at 8 AM. If they have not, please have them check their spam folder prior to contacting the state office.

## CYBERSECURITY

### Ethical Hacker Pro

The TestOut Ethical Hacker Pro certification measures an examinee's ability to perform tasks commonly performed by IT security professionals such as network and systems administrators and IT security specialists. These professionals are typically responsible for helping to implement and maintain security protocols and best practices. Passing the TestOut Ethical Hacker Pro Certification means you are capable of implementing layered security through group policy objects, access control lists, wireless and wired local area network security measures, and workstation and mobile device security measures.

## INFORMATION TECHNOLOGY SERVICES

### PC Pro

Many IT professionals begin their careers in IT support-related positions. The main purpose of the TestOut PC Pro certification is to verify necessary skills to work as an IT support professional. In an IT support job, you'll be asked to install, repair, configure, secure, and manage computer hardware, operating systems, and software in home or corporate environments. These are the most basic and foundational skills required of all IT professionals. Additionally, communication, listening and analysis skills are essentials for interacting with customers.

## INTERNETWORKING

### Routing and Switching Pro

The TestOut Routing and Switching Pro certification exam measures the ability to work with Cisco routing and switching devices as an IT professional. For routing, these tasks include IP routing implementation, OSPF routing configuration, access control list configuration, wireless configuration, DHCP server configuration, NAT configuration, router security, and security measure implementation. For switching, tasks include switch setup and configuration, switch Interface Configuration, VLAN configuration, TCP/IP configuration, spanning tree configuration, interVLAN routing, switch security, and EtherChannel configuration.