SkillsUSA ITS

2024 National Contest

About Us

- Nick Stocchero - National Tech Chair
  - Owl Cyber Defense
- Adam Pryor - National Tech Committee
  - Owl Cyber Defense
- Bryan Andrews - National Tech Committee
  - ACS Technologies
- Alan Rowland - National Tech Committee
  - CompTIA
- Stephanie DeLong - Judge
  - Humana
- Aidan Donnelly - Judge
  - Ruddervirt

Contest Overview

- 8 hands-on modules, each 30 minutes
- CompTIA testing, Helpdesk tickets, Interview
- ½ compete Wednesday (Team WAN), other ½ on Thursday (Team TPM)
- 1,000 points available
  - Hands-on modules: 775 points
  - CompTIA testing: 150 points
  - Helpdesk: 50 points
  - Interview: 25 points

Groups

Team WAN (Modules Wednesday, Exam Thursday)		Team TPM (Modules Thursday, Exam Wednesday)	
1002	1026	1001	1022
1005	1028	1003	1024
1006	1030	1004	1025
1008	5001	1007	1027
1012	5003	1009	1029
1014	5004	1010	1031
1015	5005	1011	1032
1016	5007	1013	5002
1017	5009	1018	5006
1019	5010	1020	5008
1023		1021	

Module Day

- Arrive by 8:00 AM; will likely get rolling around 8:30 AM
- Follow Official Clothing Requirements found in Technical Standards

Testing Day

- Arrive at assigned time
- Business casual

Goals for the Contest

- Direct alignment to current industry trends
- Competing in real-world scenarios
- Knowledge that serves any career path or next steps
  - Enterprise
  - Consumer
- Emphasis on customer service, professionalism, and soft-skills

Contest Content

OS used: Windows 10, 11, Mac OSX, Debian Linux, OPNSense

Content includes (but not limited to):

- Malware Removal
- System Services
- UEFI Boot
- NAT
- SOHO Router Setup
- Web Browsers

- Hostname Resolution
- SMB Network Shares
- SSH
- Bitlocker
- Network Printing
- SSL Certificates

- Account Management
- Port Forwarding
- Recovery Partition
- Powershell
- Bash
- PKI

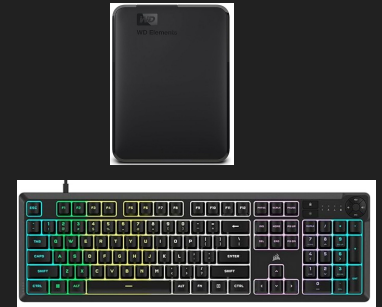# Prizes generously furnished by Owl Cyber Defense

OWL Cyber Defense

1 Framework Laptop 13
Lenovo Laptop 15

3 Gaming Keyboard
Portable Monitor

2 Portable Monitor
5TB HDD

- All medalists additionally receive a network cable toolkit and hardware toolkit
- All prizes will be mailed at the conclusion of the contest

General Notes

- Cell Phones - totally prohibited
- Contestant number - your ONLY method of identification
- Software/Tools - everything is provided for you
- Cheating/Screen-looking - don't do it
- Be professional - no games, don't attack
- No contestant provided hardware will be allowed
- Using generative AI is discouraged, but permitted

Module Virtualization Environment

- Modules through Guacamole
- No resets
- Power Controls in menu
- Internet is available

CompTIA Testing

-   Official CompTIA Skills Assessment
-   Your responsibility to complete the test; First come first serve
-   Test center closes 3pm each day
-   No official A+ this year
-   No longer a Pearson test center
-   Coupons can be used for any CompTIA Exam
-   Must be used by December 31, 2024

Helpdesk

- All modules require documentation in a ticketing system
- Tickets are written to the customer
- Internal notes will be seen by judges
- We'll be generally lenient, but we expect professionalism

Interview

- 20 minutes break between modules, 3 contestants per break.
- Bring resume if you haven't submitted digitally

Debriefing

- Friday
- 9:30am
- GWCC Building B - Room B311

Advice

- Read all briefing sheets carefully
- Understand the points breakdown; maximize points
- Double check work, then triple check work
- Use online resources to supplement skills
- Don't get intimidated by the clock