

CYBERSECURITY

They want what you've got. Don't give it to them

Room A7 – Mr. Jason Felt – feltj@pcsb.org

Industry Certification Opportunities:

- ✓ CompTIA Tech+
- ✓ CompTIA Network+
- ✓ CompTIA Security+
- ✓ CompTIA CySA+
- ✓ Cisco Certified Support Technician: Networking
- ✓ Cisco Certified Support Technician: Cybersecurity
- ✓ LPI Linux Essentials
- ✓ Various IT Specialist Certs

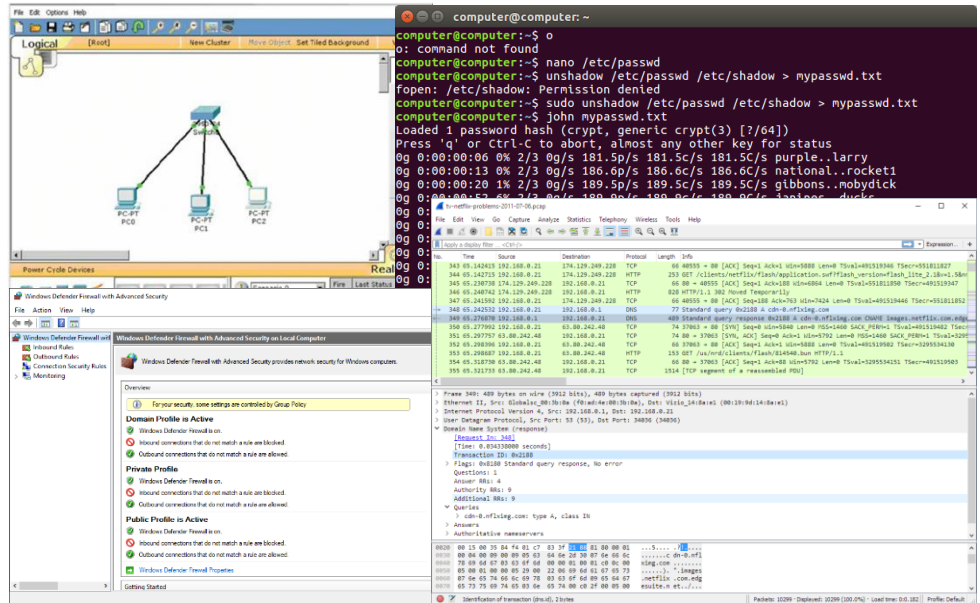
Students must meet pre-requisites before able to take certification

Course Progression

- IT Fundamentals (1)
- Cpt & Net Security (2)
- Cybersecurity Essentials (3)
- Operational Cybersecurity (4)
- Applied Cyber Apps (5)



CYBER.ORG
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER



What Will Students Learn in This Program?

- Master computer and network security fundamentals.
- Understand the core concepts of Windows and Linux operating systems.
- Analyze and defend against malware and social engineering tactics.
- Identify and mitigate network and application vulnerabilities.
- Implement strategies for host, application, and data security.
- Apply cryptographic principles and manage Public Key Infrastructure (PKI).
- Secure wired and wireless network environments.
- Address security challenges in mobile and embedded devices.
- Grasp the fundamentals of IoT and cloud security.
- Implement robust authentication and access control mechanisms.
- Develop business continuity plans.
- Assess, manage, and mitigate security risks.
- Conduct vulnerability assessments and basic penetration testing.
- Respond to security incidents and perform basic forensic analysis.



CompTIA
Get IT Certified

