Cybersecurity

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

STEM — Countryside High School

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

Industry Certification Opportunities:

- ✓ IT Specialist: Networking
- ✓ IT Specialist: Network Security
- ✓ IT Specialist: Device & Configuration Management
- ✓ IT Specialist: Cybersecurity
- ✓ LPI Linux Essentials
- ✓ CompTIA Network+
- ✓ CompTIA Security+
- ✓ CompTIA CySA+

Students must meet pre-requisites before able to take certification exam.
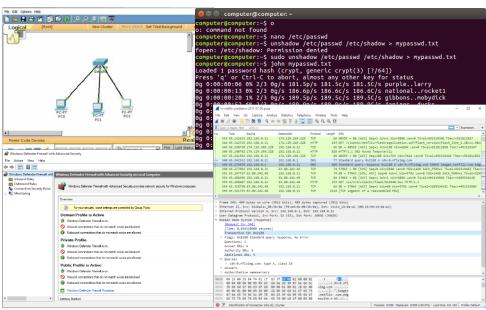
Course Progression

- **Digital Info Tech (Pre-Req)**
- **Cpt & Net Security (1)**
- **Cybersecurity Essentials (2)**
- **Operational Cybersecurity (3)**
- **Applied Cyber Apps (4)**

CISCO

CYBER.ORG
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER

CYBER FLORIDA

CompTIA
Get IT Certified

INFORMATION TECHNOLOGY SPECIALIST

CYBERPATRIOT

What Will Students Learn In This Program?

- ▪ Computer & Network Security Fundamentals
- ▪ Windows and Linux OS Fundamentals
- ▪ Malware & Social Engineering Attacks/Defenses
- ▪ Network & Application Attacks/Defenses
- ▪ Host, Application, and Data Security
- ▪ Cryptography & Public Key Infrastructure (PKI)
- ▪ Wired and Wireless Network Security
- ▪ Mobile Device & Embedded Device Security
- ▪ IoT & Cloud Security Fundamentals
- ▪ Authentication & Access Control Management
- ▪ Business Continuity Practices
- ▪ Risk Management and Mitigation Practices
- ▪ Vulnerability Assessment & Basic Penetration Testing
- ▪ Incident Response & Forensic Analysis