



# nUPATHS

Cofounded by Harrisburg University

## 50% TUITION SCHOLARSHIP

Available for Coatesville and Oxford School District employees and residents. Limited availability.

Scholarships funded in part by the CCEDC

## IT Security Analyst Training

Prepare for an entry-level cybersecurity job by developing technology skills and earning industry certifications.

**November 8, 2021 – June 2, 2022**

For career starters, career changers or career advancers.

### PATHWAYS FOR SUCCESS

Learn from professionals working in the industry.

Develop the skills employers want.

Receive career services support.

### IT Security Analysts

They support the detection, containment, remediation of IT threats. They monitor networks and applications to identify a possible cyber-attack or intrusion and help coordinate and report on cyber incident responses.

**3 courses, business skills workshops, 5 certifications, 8 college credits and 1 project**

| COURSE                                     | CERTIFICATIONS   | SKILLS  |
|--|--|---|
| Foundations in Information Technology      | CompTIA IT Fundamentals  | Describe the components of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies                            |
| Windows Server Administration Fundamentals | Microsoft Windows Server Administration Fundamentals<br>CompTIA Network+ | Design, implement, and analyze functional networks by configuring, managing, securing, and maintaining essential network devices                            |
| IT Security Operations                     | Microsoft Security Fundamentals<br>CompTIA Security+                     | Support the principles of confidentiality, integrity, and availability with security layers, authentication, authorization, accounting and network security |

LEARN MORE OR APPLY AT: [HTTPS://TINYURL.COM/CCIU-ISA](https://tinyurl.com/CCIU-ISA)

# 6 Month IT Security Analyst Training

**Prepare for an entry-level cybersecurity job by developing technology skills and earning industry certifications**

## **NPTH 110 | Foundations in Information Technology**

The course focuses on the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies. Students learn about configuring operating systems, file and folder management, networks, and network configuration, and the role of the OSI model in networking and troubleshooting. A fundamental understanding of computer hardware, operating systems, computer application software, networking technologies and protocols, web browsers, identifying security risks, troubleshooting errors, and system maintenance is gained. The course also includes an exploration of cutting-edge technologies such as cloud computing and virtualization.

**Certifications: CompTIA IT Fundamentals | 2 College Credits**

## **NPTH 150 | Windows Server Administration Fundamentals**

Students learn to design, implement, and analyze functional networks by configuring, managing, securing, and maintaining essential network devices. The course also explores Windows Server OS for sharing services with multiple users and providing administrative control of data storage, applications and corporate networks.

**Certifications: MTA: Windows Server Administration Fundamentals, CompTIA Network+ | 3 College Credits**

## **NPT 220 | IT Security Operations**

The course addresses the vital fundamentals of security to support the principles of confidentiality, integrity, and availability. Security layers, authentication, authorization, and accounting are explored, along with network security to protect the Server and Client. Students also learn to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations.

**Certifications: MTA: Security Fundamentals, CompTIA Security+ | 3 College Credits**

## **NPTH 1000 | Business Skills Workshops**

This course focuses on the business or “soft” skills that allow people to interact effectively and productively with skills like collaboration, communication, emotional intelligence, and time management.

## **NPTH 402 | IT Security Analyst Project**

Conduct real-world IT Security Analyst tasks including incident response, security incident investigations and postmortem exercises. Analysis will be conducted using open-source tools, online resources and group collaboration.



Go to <https://tinyurl.com/CCIU-ISA>  
for more information or to apply.