



# COMPUTER TECHNOLOGY - CYBER SECURITY

**ASSOCIATE OF APPLIED SCIENCE  
63-64 CREDITS**

Cyber security has become essential. As our dependence on digital platforms continues to expand, the need for skilled experts is reaching unprecedented levels.

This program equips students with the expertise to manage and secure networks against potential threats. It also provides in-depth training in conducting penetration tests, ensuring networks remain resilient and protected from attacks.

Graduates will understand computer hardware, operating systems, networking, databases, programming, and security measures.

## PROGRAM OBJECTIVES

- Demonstrating expertise in hardware, programming, operating systems, networking, data communication, and database technology.
- Able to prevent unauthorized attacks on networks and minimize any damage.
- Implement essential security measures for all information systems, creating a framework that integrates security processes and controls.
- Understand professional, ethical, legal, security, and social issues and responsibilities.



## CERTIFICATE OPTION

This program offers a certificate in Cybersecurity to help you reach your goals quickly. This streamlined certificate is 22 credits.

## CAREER OPPORTUNITIES

- Cyber Security Analyst
- Information Systems Security Officer
- Network Security Specialist
- Penetration Tester
- Ethical Hacker



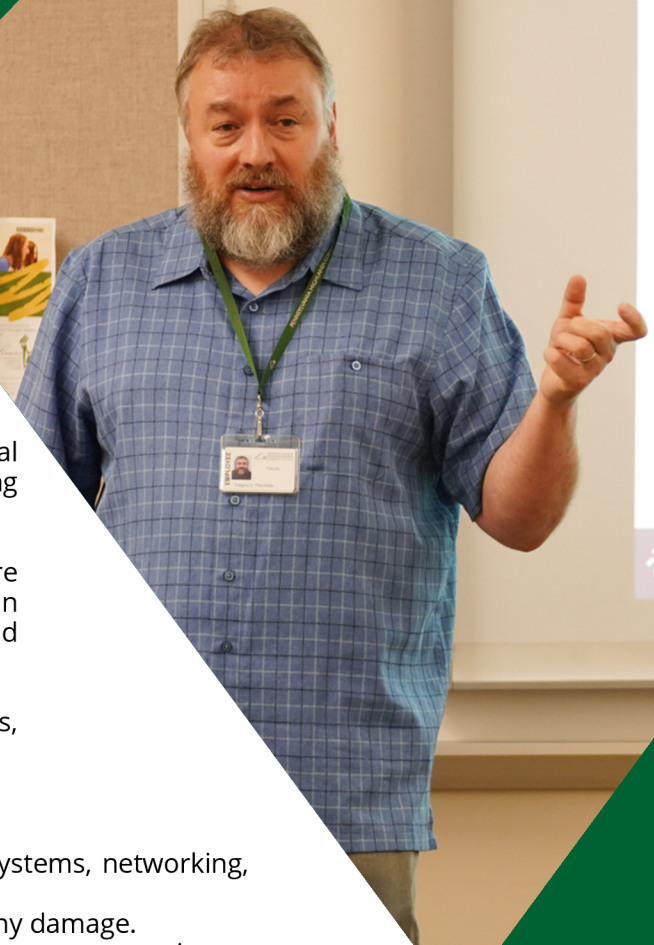
## WE ARE ACCREDITED.

Penn Highlands is accredited by the Middle States Commission on Higher Education. This means you will receive the same quality of education as major four-year institutions in our area.



## WE ARE FAMILY.

Our supportive staff and faculty are here for you. We are available to listen, offer advice, and provide support to help you succeed. With an 18:1 student-to-faculty ratio, the hands-on support you will receive feels like family.



**DISCOVER MORE  
ABOUT THIS PROGRAM.**

