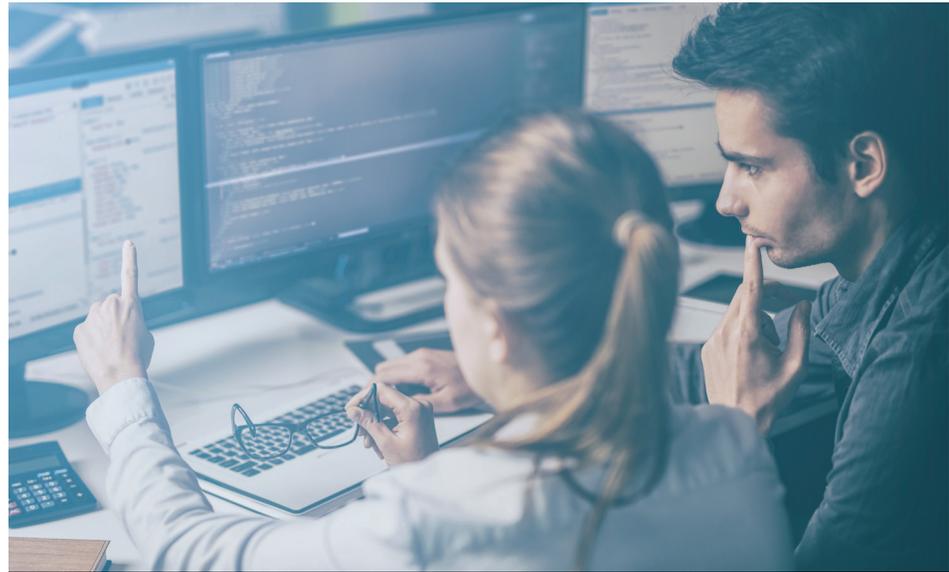




**Start a Career in Cybersecurity**

## CYBERSECURITY JOBS TRENDING UP

The cybersecurity field is growing and seeking people just like you to fill critical roles such as protecting and recovering data that is critical to professional organizations. You will have the ability to protect, detect, and recover systems, programs, and databases in a world where necessary digital data is becoming more critical every day.



# WHAT IS CYBERSECURITY?

Cybersecurity is classified as the act of protecting networks, devices, and data from unauthorized access or criminal use. Cybersecurity also protects the confidentiality of a business's information. Some risks of having poor or no cybersecurity include:

- Losing an entire system's information
- Computer infection by malicious code
- Altered files
- Security breaches
- An attacker using your computer to attack others
- Stolen personal and private information
- Unauthorized purchases

In its most basic form, cybersecurity is analyzing an organization's current network, program, and data configurations and then performing a gap assessment between those current configurations and industry best practices. This process allows cybersecurity professionals to neutralize any threats to the organization.



## WHAT DO CYBERSECURITY PROFESSIONALS DO?

Cybersecurity professionals use their knowledge of databases, networks, firewalls, and encryptions to prevent system attacks. They help keep information systems operating efficiently by preventing the unauthorized hacking of financial and personal data. This is accomplished by creating barriers around sensitive information and effectively preventing intruders from accessing the proprietary property. Transitioning into a cybersecurity career is beneficial if job security is an issue for an individual. There is an ever-growing need for cybersecurity professionals with not enough individuals to fill the positions.



# PROTECT BUSINESSES



RECOVERY



HACKERS



PROTECTION



INFECTED FILES



FIRE WALL



MOBILE SECURITY



CLOUD SECURITY



HACKING PASSWORD



SPAM



VIRUS

## Skills You Will Learn in the WVJC Online Cybersecurity Course

WVJC Online realizes that the key ingredient in a successful and rewarding cybersecurity career is possessing relevant cybersecurity certifications\*. We believe that people who exhibit critical thinking and communication skills are an ideal fit for the WVJC Online Cybersecurity program.

The WVJC Online Cybersecurity program is laser-focused on our students working toward fulfilling professional and recognizable industry certificates that can help show potential employers that they possess the qualities they are looking for. Employers value these certifications\* because they prove that our students will have the skills necessary to perform the appropriate cybersecurity assessments and protect their organization's data and information systems.

*\*Certification is contingent on passing the corresponding certification exam.*



## Skills You Will Learn in the WVJC Online Cybersecurity Course

The defining characteristic of the WVJC Online Cybersecurity program is the number of marketable, relevant certification test you will have the opportunity to sit for and pass, including:

### **Network+ Certification\***

**The Network+ Certification** certifies the necessary skills required to design, configure, manage, and maintain computer network architecture and devices.

The Network+ Certification also includes a basic understanding of cloud computing best practices and critical security concepts that help networking professionals work with security practitioners.

*\*Certification is contingent on passing the corresponding certification exam. Required/Included in Tuition/Fees.*



# Skills You Will Learn in the WVJC Online Cybersecurity Course

## Security+ Certification\*

- **The Security+ Certification** is an established worldwide standard for best practices in information technology, cybersecurity networking, and operational integrity.
- Security+ focuses on the latest trends and techniques in risk management, risk mitigation, threat management, and intrusion detection.
- Security+ is also Department of Defense 8570 compliant and focuses on hands-on practical skills.

*\*Certification is contingent on passing the corresponding certification exam. Required/ Included in Tuition/Fees.*



# Skills You Will Learn in the WVJC Online Cybersecurity Course

## CybersecurityAnalyst+ (CySA+) Certification\*

- **The CySA+ Certification** applies behavioral analytics to the information technology field to prevent, detect, and combat cybersecurity threats.
- The CySA+ Certification uses behavioral analytics to identify malware and advance persistent threats, resulting in enhanced threat visibility.
- The CySA+ certifies that the student has the necessary skills to perform data analysis, vulnerability, risk, and impact assessments, configure threat-detection tools, and ability to secure and protect applications and systems within an organization.

*\*Certification is contingent on passing the corresponding certification exam. Required/Included in Tuition/Fees.*



# Skills You Will Learn in the WVJC Online Cybersecurity Course

## CybersecurityAnalyst+ (CySA+) Certification\*

- **The CySA+ Certification** applies behavioral analytics to the information technology field to prevent, detect, and combat cybersecurity threats.
- The CySA+ Certification uses behavioral analytics to identify malware and advance persistent threats, resulting in enhanced threat visibility.
- The CySA+ certifies that the student has the necessary skills to perform data analysis, vulnerability, risk, and impact assessments, configure threat-detection tools, and ability to secure and protect applications and systems within an organization.

As part of their skill development, cybersecurity students are required to participate in an externship toward their program's conclusion. This externship will take place in a real work environment that allows the student to apply their training in real-world situations.

*\*Certification is contingent on passing the corresponding certification exam. Required/Included in Tuition/Fees.*



## WVJC Cybersecurity Program Goals

The cybersecurity program's goal is for students to develop marketable skills by taking classes that focus on hands-on training. Since these classes are career-focused, students will not waste four to six years taking courses that they don't need to obtain a rewarding career. Some of the subject matter the cybersecurity classes cover include:

- Incident Response
- Security Architecture and Tool Sets
- Threat Management
- Vulnerability Management
- Virtual Infrastructures



## Applying Your Cybersecurity Degree

You will be a valuable asset to many private, non-profit, and government entities in the cybersecurity field. Organizations are continually working to protect themselves from cyber threats and attacks, which has created career opportunities for professionals who possess the appropriate certifications\*. Walk away from the WVJC Online Cybersecurity program with an actionable skill set competitive to those already in the field. These opportunities include working as a:

- Junior Security Analyst
- Cyber Operation Specialist
- Data Recovery Specialist
- Incident Responder
- Malware Analyst
- Pen Tester
- Computer Support Analyst
- Help Desk Analyst

*\*Certification is contingent on passing the corresponding certification exam.*



At WVJC Online, our goal is to provide accessible courses and ultimately degrees for our students so that they can find a career they truly love. Start your Cybersecurity program journey with WVJC today, and walk away with a skill set that will provide career longevity for the rest of your life.

**[Click here to start your career in Cybersecurity today!](#)**

Sources:

CISA - <https://us-cert.cisa.gov/ncas/tips/ST04-001>

