

CYBERSECURITY ANALYTICS & OPERATIONS (CERTIFICATE)

CAREER PATHS

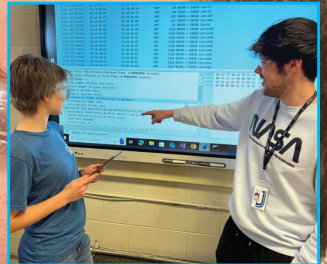
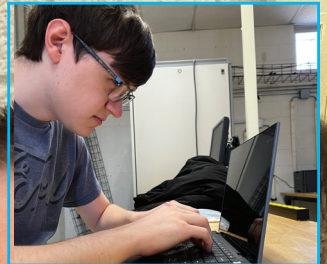
INCIDENT HANDLERS
INFORMATION SECURITY
ANALYSTS
INFORMATION TECHNOLOGY
AUDITORS
DIGITAL FORENSIC EXAMINERS

SALARY

\$69,948*
MEDIAN ANNUAL INCOME

JOB GROWTH

2023-2033: 33%**



SCAN FOR YOUR FUTURE

CYBERSECURITY ANALYTICS & OPERATIONS (CERTIFICATE)



PROGRAM OBJECTIVE

The Cybersecurity Analytics and Operations certificate program will prepare students to enter the workforce ready to perform general operations and security functions on networks and other security architectures pertaining to information technology systems. Students will learn basic troubleshooting, maintenance, and application skills required to protect an organization's sensitive data and systems from cyber threats by identifying vulnerabilities, implementing security response measures, performing penetration testing, monitoring networks, responding to incidents and potential disaster recovery, and learning cybersecurity best practices.

READY. SET. WORK.

Goal 1: Graduates will possess the skills necessary to obtain entry-level cybersecurity positions.

Goal 2: Graduates will develop critical thinking and analysis skills to understand troubleshooting and diagnostics, security policies, and apply best practices.

Goal 3: Graduates will develop effective support service and communication skills.

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

CAREER OPPORTUNITIES

Graduates work as network associates, incident handlers, information security analysts, information technology auditors, and digital forensic examiners.

PROGRAM COURSES

CREDITS

SEMESTER 1

Introduction to Cybersecurity	3
Networking Fundamentals	3
Ethical Hacking and Penetration Testing	3
Cybersecurity Policies and Governance	3
First-Year Experience	1
Project Management	2
TOTAL SEMESTER 1	15

SEMESTER 2

Web Programming, Client Side Scripting	2
Web Programming, Client Side Scripting Lab	1
Cryptography and Data Security	3
Incident Response and Digital Forensics	3
Industry Communication	3
Cloud Security or Information System Security Design, Administration and Lab	3
College Algebra I and Trigonometry	3
TOTAL SEMESTER 2	18

MINIMUM CREDITS TO GRADUATE 33

This semester layout is based off of a fall start. Students who start in the spring will be required to attend an additional semester to complete their degree.

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling **570-702-8856** or visit our website **johnson.edu** to review our requirements.