



## 14 Courses

**Introduction to Cybersecurity Careers**

**Introduction to Cybersecurity Essentials**

**Introduction to Cybersecurity Tools & Cyberattacks**

**Operating Systems: Overview, Administration, and Security**

**Computer Networks and Network Security**

**Database Essentials and Vulnerabilities**

**Cybersecurity Architecture**

**Cybersecurity Compliance Framework, Standards & Regulations**

**Penetration Testing, Threat Hunting, and Cryptography**

**Incident Response and Digital Forensics**

**Cybersecurity Case Studies and Capstone Project**

**Cybersecurity Assessment: CompTIA Security+ & CYSA+**

**Generative AI: Boost Your Cybersecurity Career**

**Cybersecurity Job Search, Resume, and Interview Prep**



Nov 30, 2025

## Gregory Stephens

has successfully completed the online, non-credit Professional Certificate

A handwritten signature in blue ink that reads "Coleen Ryskamp".

Program Manager, IBM  
Security Learning  
Services

# IBM Cybersecurity Analyst

Holders of this certificate have a comprehensive overview of the cybersecurity analyst role and can tackle the challenges of an entry-level position. Learners can identify pathways for cybersecurity careers and understand cybersecurity essentials, tools, technologies, and cyberattacks. They have a grasp of operating systems, including their overview, administration, and security, as well as networking fundamentals and security. They also understand database fundamentals and vulnerabilities, can design cybersecurity architecture, and are knowledgeable about cybersecurity compliance frameworks, standards, and regulations. They are capable of performing penetration testing, responding to incidents, and conducting forensics. They also have an understanding of the cyber threat intelligence.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

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