

# CompTIA Cybersecurity Analyst

Harper CE Computer Training · 847.925.6066 · harpercollege.edu/ce · cecomputers@harpercollege.edu

The Cybersecurity Analyst program is comprised of 80 instructional hours covering systems security, network infrastructure, access control, risk mitigation, cryptography, organizational security, and monitoring and detecting security incidents. This program helps you prepare for two highly recognized IT professional certifications: CompTIA Security+ and CompTIA Cybersecurity Analyst+. Exam vouchers for certification exams, courseware, and test preparation tools are included in the fees.

The U.S. Bureau of Labor Statistics predicts that information security analysts will be the *fastest growing job category*, with 37% overall growth between 2012 and 2022.\*

In an analysis of recent U.S. Bureau of Labor Statistics data, information security analysts saw an 8% bump in growth over the first three months of 2016. *That's a new BLS record.\*\**

8 in 10 managers indicate that IT security certifications are very valuable (38%) or valuable (42%) in terms of validating security-related knowledge/skills or evaluating job candidates.\*\*\*

\* CompTIA, Trends in Information Security 2015

\*\* U.S. Bureau of Labor Statistics data

\*\*\* International Trends in Cybersecurity, CompTIA, 2016



## Prerequisites:

CompTIA Network+ certified or equivalent experience

## Requirements:

- **LAP0003** CompTIA Security+
- **LAP0004** CompTIA Cybersecurity Analyst+

## Course Descriptions:

### **LAP0003 CompTIA Security+ (40 Hours)**

Provides vendor-neutral instruction on systems security, network infrastructure, access control, risk mitigation, cryptography, and organizational security. Covers workstation and server security, network vulnerabilities, risk assessments, monitoring tools, network security tools, authentication, rights and privileges, encryption, and disaster recovery. Prepares for the CompTIA Security + SY0-501 certification exam. Recommended Preparation: LAP8021 CompTIA Network+ training or equivalent experience.

### **LAP0004 CompTIA Cybersecurity Analyst+ (40 Hours)**

Covers the duties of those who are responsible for monitoring and detecting security incidents in information systems and networks, and for executing a proper response to such incidents. Introduces tools and tactics to manage cybersecurity risks, identify various types of common threats, evaluate the organization's security, collect and analyze cybersecurity intelligence, and handle incidents as they occur. Promotes a comprehensive approach to security on the front lines of defense. Helps prepare for the CompTIA Cybersecurity Analyst+ (Exam CS0-001) and fulfills DoD directive 8570.01 for information assurance (IA) training.