



MICROSOFT TRAINING

Certified Systems Security Professional

Master Microsoft system security. Learn to implement robust defenses, detect vulnerabilities, and secure enterprise data.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

The Microsoft Certified Systems Security Professional course offers an intensive, focused immersion into safeguarding Microsoft-based IT infrastructures. This program is expertly designed to equip IT professionals with the essential knowledge and practical skills required to identify, mitigate, and respond to security threats within modern computing environments. You will delve into core technologies such as Windows Server security features, Azure Active Directory protection, and best practices for endpoint and data security, all through the lens of Microsoft's robust security frameworks.

Upon completion, participants will possess a solid understanding of implementing security policies, managing access controls, and securing network communications within a Microsoft ecosystem. This certification enhances your ability to protect critical organizational assets, comply with security standards, and contribute to a more resilient IT landscape. It's an invaluable credential for those looking to solidify their expertise in systems security and advance their career in specialized IT security roles.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

- 01 **Module 1: Foundations of Microsoft Systems Security**
 - Introduction to core security principles in Microsoft ecosystems
 - Understanding common threats and vulnerabilities in Windows environments
 - Overview of Microsoft security frameworks and compliance standards
- 02 **Module 2: Securing Windows Server and Client Endpoints**
 - Implementing local security policies and Group Policy Objects (GPOs)
 - Configuring Windows Firewall with Advanced Security
 - User account management and access control best practices on Windows
- 03 **Module 3: Identity and Access Management in Microsoft Systems**
 - Introduction to Active Directory security concepts
 - Securing Azure Active Directory identities and conditional access
 - Implementing multi-factor authentication (MFA) for Microsoft services
- 04 **Module 4: Data Protection and Threat Mitigation**
 - Overview of data encryption methods (BitLocker, EFS)
 - Understanding and configuring Windows Defender Antivirus
 - Basic incident response and logging in Microsoft environments

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Systems Security Analyst focusing on Microsoft environments**

- > IT Support Specialist with enhanced security responsibilities for Windows servers and endpoints
- > Microsoft 365 Security Administrator managing tenant security and compliance

FREQUENTLY ASKED QUESTIONS

Q: What specific Microsoft security tools and features will I gain hands-on experience with in this course?

This course provides focused insights into configuring Windows Firewall, implementing security via Group Policy Objects (GPOs), managing user and group permissions in Active Directory, and understanding fundamental security settings within Azure Active Directory. You will also touch upon the practical application of Windows Defender and basic data encryption tools like BitLocker.

Q: Is this certification recognized by Microsoft as an official credential, and how does it contribute to career advancement?

While this is a specialized course designed to enhance skills in Microsoft systems security, it serves as a strong foundational building block. It equips you with practical, vendor-specific knowledge that is highly valued by employers managing Microsoft infrastructure, directly preparing you for more advanced official Microsoft certifications like Azure Security Engineer Associate or Microsoft 365 Security Administrator by covering core concepts.

Q: What are the recommended prerequisites or prior knowledge for someone to benefit most from this Certified Systems Security Professional course?

To maximize your learning experience, it is highly recommended that participants have a foundational understanding of Windows operating systems, basic networking concepts, and familiarity with Active Directory. Prior experience in IT support or systems administration within a Microsoft environment will be particularly beneficial.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

Email

Phone

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

info@computer-pride.co.ke

+254 705 900 900

www.computer-pride.co.ke