



# C)OST: Certified Operation Systems Technician

Course ID #: 7000-823-ZZ-Z

Hours: 35

## Course Content

### Course Description:

The C)OST builds on the C)HT by focusing on operating systems; this includes installing, configuring and maintaining devices, PCs, and software for end users; understanding the basics of networking and security/forensics from the operating system view. Properly and safely diagnose, resolve, and document common software issues. Apply troubleshooting skills, and providing appropriate customer support. We will cover virtualization, security, desktop imaging, and deployment. You will also learn the security foundations needed for the various operating systems.

### Course Objectives:

Upon successful completion of this course students will be able to:

- Competently take the C)OST & C)HT exams well as the CompTIA A+ 220-1002 exam

### Prerequisites:

C)HT

### Target Audience:

Anyone.

### Topics:

#### Lesson 1: Operating Systems

- Windows versions and features
- Windows installation and upgrades
- Non-Windows operating systems
- Applications and Scripting

#### Lesson 2: Windows Management

- Operating system features and tools
- Control Panel utilities
- Command-line tools
- Troubleshooting

#### Lesson 3: Network Basics

- Classifying Networks
- Network Devices
- Internet Connections

#### Lesson 4: Network Protocols

- TCP/IP Settings
- Transport Protocols
- Application Protocols

#### Lesson 5: Wireless Networking

- Wi-Fi Standards
- Wireless Encryption

#### Lesson 6: Windows Networking

- Sharing and Security
- Network Connections
- Connection Troubleshooting

#### Lesson 7: Virtualization and Cloud Computing

- Virtualization
- Cloud Computing



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## Lesson 8: Security Principles

- Threats and Vulnerabilities
- Security Controls

## Lesson 9: Security Technologies

- Operating System Securities
- Security Hardware and Software

## Lesson 10: Securing Devices and Data

- Workstation Security
- Mobile Device Security
- Security Troubleshooting

## Lesson 11: SOHO Network Configurations

- SOHO Router Features
- Network Security

## Accreditations:



Register for this class by visiting us at:

[www.tcworkshop.com](http://www.tcworkshop.com) or calling us at 800-639-3535