



Complete Computing, Inc.

SERVING OUR CUSTOMERS SINCE 1982

20697-1C(M): Windows® 10 Jump Start

Course length: 3 day(s)

Course Description

This course is designed to maximize student skills and knowledge of Microsoft Windows 10 while minimizing time out of the office and reducing training costs. This class concentrates on all of the most critical material the 5-day course (*20697-1CC: Implementing and Managing Windows 10*) into a 3-day format. The student will receive the full 5-day courseware as well as **6-months of access to virtual lab environments** the full 5-day course to continue practicing and toning their skills and delve into any additional courseware topics that may be of interest.

20697-1C provides students with the knowledge and skills required to install and configure Windows 10 desktops and devices in a Windows Server domain corporate environment. These skills include learning how to install and customize Windows 10 operating systems and apps, and configure local and remote network connectivity and storage. Students will also learn how to configure data security, device security, and network security, and maintain, update, and recover Windows 10.

Audience Profile

This course is intended for IT professionals who administer and support Windows 10 desktops, devices, users, and associated network and security resources as well as IT professionals who are interested in specializing in Windows 10 desktop and application deployments and managing the cloud-based application and data service environments for medium-to-large enterprise organizations. These professionals typically work with networks that are configured as Windows Server domain-based environments with managed access to the Internet and cloud services. This course is also intended to provide skills for Enterprise Desktop/Device Support Technicians (EDSTs) who provide Tier 2 support to users who run Windows 10 desktops and devices within a Windows domain environment in medium to large enterprise organizations.

Prerequisites

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Knowledge of networking fundamentals, including Transmission Control Protocol /Internet Protocol (TCP/IP), User Datagram Protocol (UDP), and Domain Name System (DNS).
- Knowledge of Microsoft Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management.
- Understanding of certificate-based security.
- Understanding of Windows Server 2008 R2 or Windows Server 2012 fundamentals.
- Understanding of Microsoft Windows client essentials; such as working knowledge of Windows 7, Windows 8 and/or Windows 10.



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Course Content

(Modules listed in grey with an asterisk indicate flex topics that will be covered based on instructor discretion and classroom input, as time allows, or as self-study. The virtual labs for all modules and associated practice activities will be available for 6-months from the start of the class.)

20697- Part 1

Module 1: Overview of Windows 10

- Introducing Windows 10
- Navigating the User Interface

Module 2: Installing Windows 10

- Installing Windows 10
- Upgrading to Windows 10

Module 3: Configuring Your Device*

- Overview of Tools Used to Configure Windows 10
- Common Configuration Options
- Managing User Accounts
- Using OneDrive

Module 4: Configuring Network

- Configuring IP Network Connectivity
- Implementing Name Resolution
- Implementing Wireless Network Connectivity
- Overview of Remote Access

Module 5: Managing Storage

- Overview of Storage Options
- Managing Disks, Partitions, and Volumes
- Maintaining Disks and Volumes
- Managing Storage Spaces

Module 6: Managing Files and Printers

- Overview of File Systems
- Configuring and Managing File Access
- Configuring and Managing Shared Folders
- Work Folders
- Managing Printers

Module 7: Managing Apps in Windows 10*

- Overview of Providing Apps to Users
- The Windows Store
- Web Browsers

Module 8: Managing Data Security*

- Overview of Data-Related Security Threats
- Securing Data with EFS
- Implementing and Managing BitLocker



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Module 9: Managing Device Security*

- Using Security Settings to Mitigate Threats
- Configuring UAC

Module 10: Managing Network Security

- Overview of Network-Related Security Threats
- Windows Firewall
- Connection Security Rules
- Windows Defender

Module 11: Maintaining Windows 10

- Updating Windows
- Monitoring Windows 10
- Optimizing Performance

Module 12: Troubleshooting and Recovery

- Managing Devices and Drivers
- Recovering Files
- Recovering Devices