

**Implementing and Managing Windows 11 (MCC-55345)**

**Course Number:** MCC-55345  
**Duration:** 4 days

**Overview**

This official Microsoft Community Course, Implementing and Managing Windows 11 (MCC-55345), teaches attendees how to install and configure Windows 11 desktops and devices in an on-premises Windows Server Active Directory domain environment. Note: This course can also be taught using Windows 10.

**Prerequisites**

* Experience installing PC hardware and devices
* Basic Windows and Active Directory knowledge
* Knowledge of networking fundamentals
* Knowledge of Microsoft Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management
* Fundamental understanding of Windows Server
* Understanding of Microsoft Windows Client essentials; for example, working knowledge of Windows 10 or Windows 11
* Basic understanding of Windows PowerShell syntax

**Materials**

All Microsoft training students receive Microsoft official courseware.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computer for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will be fine.

**Objectives**

* Install and customize Windows 11 operating systems and apps
* Configure local and remote network connectivity and storage
* Configure data security, device security, and network security
* Maintain, update, and recover Windows 11

**Outline**

* Installing Windows 11
  + Introducing Windows 11
  + Installing Windows 11
* Upgrading and Updating Windows 11
  + Upgrading to Windows 11
  + Migrating user state
  + Managing Windows 11 updates
* Configuring Windows 11 Devices
  + Local configuration tools in Windows 11
  + Using Windows Admin Center
  + Using Windows PowerShell
  + Implementing Remote Management
* Configuring Network Connectivity
  + Configuring network connectivity
  + Implementing name resolution
  + Implementing remote access
* Managing Storage
  + Overview of storage options
  + Managing local storage
  + Managing Storage Spaces
* Managing Resources
  + Configuring and managing file access
  + Configuring and managing shared folders
  + Implementing Work Folders
  + Managing printers
* Managing Apps in Windows 11
  + Deploying apps
  + Managing access to the Microsoft Store
  + Configuring Microsoft Edge
* Implementing and Managing Security
  + Managing user and group accounts
  + Configuring User Account Control
  + Implementing BitLocker
  + Implementing Windows 11 security features
  + Securing against network threats
* Monitoring Windows 11
  + Monitoring Windows 11
  + Optimizing Windows 11 performance
* Troubleshooting Windows 11
  + Managing Windows 11 startup
  + Recovering Windows 11
  + Managing devices and drivers
  + Understanding the registry
  + Recovering files