

# uCertify

## Course Outline

### CompTIA A 220-901/220-902 Cert Guide



11 Apr 2024

1. Course Objective
2. Pre-Assessment
3. Exercises, Quizzes, Flashcards & Glossary  
Number of Questions
4. Expert Instructor-Led Training
5. ADA Compliant & JAWS Compatible Platform
6. State of the Art Educator Tools
7. Award Winning Learning Platform (LMS)
8. Chapter & Lessons  
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Chapter 1: Introduction  
Chapter 2: Technician Essentials and Computer/Device Anatomy  
Chapter 3: Configure and Use BIOS/UEFI Tools  
Chapter 4: Motherboard Components  
Chapter 5: RAM Types and Features  
Chapter 6: PC Expansion Cards  
Chapter 7: Storage Devices  
Chapter 8: CPUs  
Chapter 9: Ports and Interfaces  
Chapter 10: Designing and Building Custom PC Configurations  
Chapter 11: Using, Maintaining, and Installing Printers and Multifunction Devices  
Chapter 12: Networking  
Chapter 13: Mobile Devices  
Chapter 14: Hardware and Network Troubleshooting  
Chapter 15: Windows Operating Systems Features and Installation  
Chapter 16: Managing Microsoft Windows  
Chapter 17: Networking Microsoft Windows  
Chapter 18: Operational Procedures

Chapter 19: OS X and Linux

Chapter 20: Virtualization, Cloud Computing, and Network Services

Chapter 21: Mobile Operating Systems and Devices

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Here's what you get

Features

10. Performance Based labs

Lab Tasks

Here's what you get

11. Post-Assessment

## 1. Course Objective

Kick start your prep for CompTIA A+ certification exam with CompTIA A+ 220-901 exam & 220-902 exam combined guide with performance-based labs. Performance-based labs simulate real-world, hardware, software & command line interface environments and can be mapped to any text-book, course & training. The course and labs cover all the objectives of 220-901 exam & 220-902 exam and provide technical knowledge required to install, configure, and maintain devices, PCs and software for end users; proper and safe diagnose, resolve and document common hardware and software issues; assemble components based on customer requirements; provide appropriate customer support; apply troubleshooting skills; and understand the basics of networking and security/forensics.

## 2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

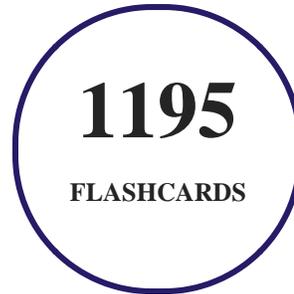
## 3. Quizzes

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.

**335**  
QUIZZES

## 4. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



## 5. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



## 6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

## 7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

## 8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

## 9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
  1. Best Postsecondary Learning Solution
- **2015**
  1. Best Education Solution

2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**

1. Best Virtual Learning Solution
2. Best Education Cloud-based Solution
3. Best College and Career Readiness Solution
4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

- **2018**

1. Best Higher Education LMS or Learning Platform
2. Best Instructional Solution in Other Curriculum Areas
3. Best Learning Relationship Management Solution

- **2019**

1. Best Virtual Learning Solution
2. Best Content Authoring Development or Curation Solution
3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

## 10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

### Syllabus

#### Chapter 1: Introduction

- Goals and Methods
- What's New?
- Who Should Read This Book?
- Strategies for Exam Preparation

#### Chapter 2: Technician Essentials and Computer/Device Anatomy

- The Essential Parts of Any Computer or Mobile Device
- Hardware, Software, and Firmware

- The CompTIA Six-Step Troubleshooting Theory
- Technician Tools and Equipment
- Important Websites
- Lesson Summary

### Chapter 3: Configure and Use BIOS/UEFI Tools

- BIOS/UEFI Configuration
- Flash Upgrade BIOS
- Using BIOS/UEFI Diagnostics
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

### Chapter 4: Motherboard Components

- ATX, ITX, and Smaller Sizes
- Expansion Slot Types
- RAM Sockets

- CPU Sockets
- Chipsets
- CMOS Battery
- Power Connectors
- Fan Connectors
- Front and Top Panel Connectors
- Bus Speeds
- Installing Motherboards
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 5: RAM Types and Features

- Memory Upgrade Considerations
- RAM Types
- SO-DIMM vs DIMM
- RAM Configurations

- Single-Sided vs Double-Sided
- RAM Compatibility
- Installing Memory
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Lab
- Answers and Explanations to Hands-On Labs

## Chapter 6: PC Expansion Cards

- Expansion Card and Slot Overview
- Installing Sound Cards
- Installing Video Cards
- Installing Network Cards
- Installing USB Cards
- Installing FireWire Cards
- Installing Thunderbolt Cards
- Installing Storage Cards
- Installing Modem Cards

- Installing Wireless/Cellular Cards
- Installing TV Tuner Cards
- Installing Video Capture Cards
- Installing Riser Cards
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 7: Storage Devices

- Optical Drive Features and Capacities
- Magnetic Hard Disk Drives
- Flash Drives
- Solid State Drives
- Hot-Swappable Drives
- RAID Types
- Tape Drive
- Lesson Summary

- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 8: CPUs

- Processor Characteristics
- Socket Types
- Cooling
- CPU Installation
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations for Hands-On Labs

## Chapter 9: Ports and Interfaces

- Rear Panel Port Clusters
- USB
- FireWire (IEEE 1394)
- SATA and eSATA

- Thunderbolt
- Video
- Audio
- PS/2
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations for Hands-On Labs

## Chapter 10: Designing and Building Custom PC Configurations

- Custom PC Configurations
- Evaluating Onboard Components
- Installing Power Supplies
- Installing and Configuring Input, Output, and I/O Devices
- Display Types
- Video Display Settings and Features
- Lesson Summary
- Review All the Key Topics

- Complete Hands-On Labs
- Answers and Explanations for Hands-On Labs

## Chapter 11: Using, Maintaining, and Installing Printers and Multifunction Devices

- Laser Printers
- Inkjet Printers
- Thermal Printers
- Impact Printers
- Virtual Printers
- Installing Your Printer or Multifunction Device
- Configuring Your Printer or Multifunction Device
- Device Sharing Options
- Wireless Device Sharing Options
- Cloud and Remote Printing
- Configuring Your Operating System to Share a Printer or Device
- Maintaining Data Privacy
- Lesson Summary
- Review All the Key Topics

- Complete Hands-On Labs
- Answers and Explanations for Hands-On Labs

## Chapter 12: Networking

- Network Cable and Connector Types and Characteristics
- TCP/IP
- TCP and UDP Ports, Protocols, and Purposes
- WiFi (Wi-Fi) Network and Encryption Standards
- Configure SOHO Wired or Wireless Router
- Internet Connection Types
- Network Types
- Network Architecture Devices
- Using Networking Tools
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations for Hands-On Labs

## Chapter 13: Mobile Devices

- Install and Configure Laptop Hardware and Components
- Replace Laptop Components
- Laptop Display Components
- Using Laptop Features
- Characteristics of Other Mobile Devices
- Accessories and Ports Used by Other Mobile Devices
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 14: Hardware and Network Troubleshooting

- Troubleshooting Motherboard, RAM, CPU, and Power Issues
- Recommended Tools
- Troubleshooting Hard Drives and RAID Arrays
- Troubleshooting Video, Projector, and Display Issues
- Network Troubleshooting
- Overview of Network Command-Line Tools

- Mobile Device Troubleshooting
- Mobile Device Disassembly Process
- Printer Troubleshooting
- Lesson Summary
- Review All the Key Topics
- Complete Hands-on Labs
- Answers and Explanations to Hands-On Labs

## Chapter 15: Windows Operating Systems Features and Installation

- Differences Between Windows Versions
- Boot Methods
- Installation Types
- Partitioning Methods
- Windows File Systems
- REFERENCES AND RESOURCES FOR FURTHER STUDY
- Configuring Windows During/After Installation
- Using the Factory Recovery Partition
- Refresh and Reset (Windows 8/8.1/10)

- Characteristics of a Properly Formatted Boot Drive
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Lab
- Answers and Explanations to Hands-On Labs

## Chapter 16: Managing Microsoft Windows

- Command-Line Tools
- Microsoft Administrative Tools
- Task Manager
- MSCONFIG
- Disk Management
- Storage Spaces
- Windows Upgrade Tools
- System Utilities
- Control Panel Utilities
- Lesson Summary
- Review All the Key Topics

- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 17: Networking Microsoft Windows

- Homegroup vs. Workgroup
- Domain Setup
- Network Shares
- Administrative Shares
- Printer Sharing versus Network Printer Mapping
- Establish Networking Connections
- Proxy Settings
- Remote Desktop Connection and Remote Assistance
- Home vs. Work vs. Public Network Settings
- Firewall Settings
- Configuring an Alternative IP Address in Windows
- Network Card Properties
- Lesson Summary
- Review All the Key Topics

- Complete Hands-On Lab
- Answers and Explanations to Hands-On Labs

## Chapter 18: Operational Procedures

- Using Appropriate Safety Procedures
- Applying Environmental Controls
- Addressing Prohibited Content or Activity
- Licensing/DRM/EULA
- Personally Identifiable Information
- Following Corporate End-User Policies and Security Best Practices
- Communication Methods and Professionalism
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 19: OS X and Linux

- Best Practices

- Tools
- Features
- Basic Linux Commands
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Lab
- Answers and Explanations to Hands-On Lab

## Chapter 20: Virtualization, Cloud Computing, and Network Services

- Client-Side Virtualization Overview
- Identify Basic Cloud Concepts
- Properties and Purposes of Network Services—Server Roles
- Internet Appliances
- Legacy and Embedded Systems
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Lab
- Answers and Explanations to Hands-On Labs

## Chapter 21: Mobile Operating Systems and Devices

- Android vs iOS vs Windows Features
- Mobile Device Connectivity
- Email Configuration
- PRI Updates/PRL Updates/Baseband Updates
- Radio Firmware
- IMEI vs IMSI
- VPN
- Data Synchronization
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 22: Security

- Common Security Threats and Vulnerabilities
- Common Prevention Methods
- Windows Basic Security Settings

- Best Security Practices for Workstations
- Securing Mobile Devices
- Data Destruction and Disposal Methods
- SOHO Network Security
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Labs
- Answers and Explanations to Hands-On Labs

## Chapter 23: Troubleshooting Desktop and Mobile Operating Systems

- Troubleshooting Common Symptoms
- Tools for Troubleshooting Software
- Troubleshoot Mobile OS and Application Issues
- Mobile Devices and Application Security Issues
- Troubleshooting PC Security Issues
- Lesson Summary
- Review All the Key Topics
- Complete Hands-On Lab

- Answers and Explanations to Hands-On Lab

## Chapter 24: Appendix A: CompTIA A+ Objectives

- 220-901 Domain 1.0 Hardware
- 220-901 Domain 2.0 Networking
- 220-901 Domain 3.0 Mobile Devices
- 220-901 Domain 4.0 Hardware and Network Troubleshooting
- 220-902 Domain 1.0 Windows Operating Systems
- 220-902 Domain 2.0 Other Operating Systems and Technologies
- 220-902 Domain 3.0 Security
- 220-902 Domain 4.0 Software Troubleshooting
- 220-902 Domain 5.0 Operational Procedures

## Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

**383**

VIDEOS

**09:27**

HOURS

## 11. Practice Test

**Here's what you get**

**185**

PRE-ASSESSMENTS  
QUESTIONS

**2**

FULL LENGTH TESTS

**181**

POST-ASSESSMENTS  
QUESTIONS

## Features

uCertify provides video training courses that contain videos and test set questions based on the exam. These courses are interactive and engaging and the learners can view the content at their own pace, in their own time, and on any device. Learners can easily track the engagement levels so they immediately know which course components are easy to understand and which are more difficult. Test set in the courses closely follow the exam objectives and are designed to simulate real exam conditions.

Each pre and post assessment comes with interactive questions which help users in better understanding of the subject matter.

**Unlimited Practice**

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

## 12. Performance Based Labs

uCertify's performance-based labs are simulators that provides virtual environment. Labs deliver hands on experience with minimal risk and thus replace expensive physical labs. uCertify Labs are cloud-based, device-enabled and can be easily integrated with an LMS. Features of uCertify labs:

- Provide hands-on experience in a safe, online environment
- Labs simulate real world, hardware, software & CLI environment
- Flexible and inexpensive alternative to physical Labs
- Comes with well-organized component library for every task
- Highly interactive - learn by doing
- Explanations and remediation available
- Videos on how to perform

### Lab Tasks

- Identifying smartphone features
- Identifying features of a laptop and tablet
- Replacing the Battery of a Smartphone and Inserting a Memory Card
- Identifying computer parts
- Identifying categories of computer components
- Identifying computer troubleshooting steps
- Identifying network cabling tools
- Accessing the BIOS Setup Program

- Enabling Hardware Virtualization
- Understanding the BIOS security options
- Setting up a boot device priority
- Examining the hard drive
- Identifying computer components
- Installing Motherboard Components
- Providing Cooling and Ventilation to a Motherboard
- Identifying motherboard slots
- Identifying a PCI-Bus Slot
- Identifying a CPU Socket
- Installing a PCI Sound Card
- Removing a damaged network card
- Identifying components of a motherboard chipset
- Identifying Types of RAM
- Identifying RAM configuration
- Installing Memory Modules
- Installing Expansion Cards on a Motherboard
- Installing a USB 3.0 PCI Express Card (2.0 x4)
- Installing Firewire Cards
- Changing the CMOS battery
- Clearing the CMOS settings
- Installing an Optical Drive and a PCI Sound Card
- Configuring sound card with Windows
- Inserting components of a computer
- Adding hardware to a Windows PC
- Identifying blu-ray types
- Copying Files to a Disc Using File Explorer
- Inserting a CD on a Laptop
- Enabling external USB ports
- Removing a Pen Drive from a Computer
- Identifying RAID level characteristics
- Identifying RAID BIOS configuration settings
- Identifying the CPU package types
- Identifying processor socket
- Identifying processor families

- Identifying computer cooling systems
- Installing a processor
- Understanding CPU removal procedure
- Identifying Video Ports and Connectors
- Identifying additional ports and connectors
- Identifying video card ports
- Identifying desktop PC ports
- Identifying I/O ports of a motherboard
- Identifying input and output devices
- Troubleshooting a USB printer
- Connecting a USB Printer to a Computer
- Understanding USB versions
- Connecting a keyboard and mouse to a computer
- Connecting the Motherboard to the Internal Hard Drive
- Supplying Power to a SATA Drive
- Comparing desktop and laptop components
- Identifying printer connectors
- Identifying adapters
- Identifying DisplayPort versions
- Modifying touchpad settings
- Connecting a computer to monitor
- Identifying sound card ports
- Identifying PS/2 port
- Identifying sound ports
- Connecting a headset to a computer
- Configuring Windows 7 for media streaming
- Replacing the Power Supply
- Installing SMPS and Connecting it to the Motherboard
- Identifying computer power supply connectors
- Assembling Computer Components
- Connecting Speakers to a Computer
- Connecting a digital camera to a computer
- Adding hardware to a Windows PC
- Preparing for a video conference on Skype
- Disabling a touchpad

- Identifying video features
- Understanding the electrophotographic print process
- Inserting Ink Cartridges into a Printer
- Identifying the steps for using an inkjet cleaning solution
- Configuring printer memory
- Calibrating the printing device
- Installing a printer
- Identifying network connectors
- Identifying types of a cable
- Identifying components of a coaxial cable
- Connecting a workstation to the LAN and configuring IPv4 properties
- Identifying IP address class values
- Describing 802.11 networking standards
- Describing 802.11 modulation techniques
- Configuring Internet settings on a router
- Understanding QoS levels
- Configuring the TCP/IP values
- Connecting to a wireless network
- Connecting a router to the laptop
- Connecting Systems to the Internet Through a Firewall Router
- Connecting the Cable Modem to Access Internet
- Identifying network types
- Identifying key steps to plan a network
- Connecting a new workstation to the Internet
- Installing Laptop Components
- Identifying a port
- Identifying mobile power/sync cables
- Identifying USB cables
- Retrieving and emptying the recycle bin
- Using the check disk utility
- Running Disk Defragmenter in Windows 7
- Troubleshooting the Wi-Fi connection issues
- Installing a NIC
- Troubleshooting limited network
- Analyzing network paths with tracert

- Analyzing domain names with nslookup
- Renewing an IP address
- Viewing information related to the network adapter
- Analyzing the TCP/IP configuration with netstat
- Running different parameters of the net share command
- Adding and removing an IPv6 address
- Identifying symptoms of problems with the mobile OS
- Describing error codes
- Exploring installed hardware
- Viewing system properties
- Labeling the Start menu of Windows 8
- Pinning a program to the Taskbar
- Running Windows Program Compatibility troubleshooter
- Formatting a pen drive
- Inserting a Pen Drive into the USB Port
- Viewing free disk space and file system type
- Downloading the Windows 7 service pack
- Setting automatic Windows update
- Running different parameters of the chkdsk command
- Listing files and folders
- Viewing the status of a disk
- Creating and listing directories
- Viewing the Generic USB Hub properties
- Verifying properties of keyboards, disk drives, and network adapters
- Investigating startup processes
- Changing the startup type of a service utility to automatic
- Viewing processes details in the task manager
- Configuring Performance Monitor
- Disabling certain applications and services at startup
- Rolling back a device driver
- Creating a bootable VHD using Disk Management
- Starting the print spooler service
- Identifying device manager error codes
- Ending the functioning of a non-responsive application
- Disabling applications and services at startup

- Creating a new volume
- Mounting a drive to a folder
- Changing a basic disk into a dynamic disk
- Identifying sound card driver version
- Connecting a remote desktop
- Changing the visibility of a folder
- Rolling back to a restore point
- Viewing sound card driver version
- Creating a restore point
- Turning on system protection
- Hiding a folder
- Creating, renaming, and deleting a file
- Listing the computer's drive letters
- Understanding elements of a notepad window
- Configuring the virtual memory size
- Changing the system's screen saver
- Changing the refresh rate in Windows 7
- Observing the Control Panel options in different views
- Viewing the paging file information
- Auto-hiding the taskbar
- Showing hidden and system-protected files
- Recording the system failure event
- Using Windows troubleshooter tools
- Viewing security center service properties
- Configuring settings to allow pop-ups
- Configuring notification settings
- Customizing notification area icons
- Running power troubleshooter
- Customizing user account notification settings
- Exploring installed applications
- Changing the time zone
- Changing the color of the desktop
- Creating a homegroup
- Sharing a folder with another user
- Joining a homegroup

- Creating a remote access VPN connection
- Configuring Windows 7 to use a proxy server
- Changing the network settings
- Turning on Windows Firewall
- Configuring Windows Firewall with advanced security
- Identifying types of firewall
- Configuring an alternative IP address
- Understanding QoS
- Understanding network card properties
- Identifying grounded equipment parts
- Preparing a system for upgrade
- Understanding personal safety while moving equipment
- Setting Up a Surge Protected Computer System
- Configuring the UPS
- Using a UPS to Power the Computer Components and Ensure the Network Connectivity
- Identifying guidelines for effective communication
- Identifying tools used in Mac OS and Linux
- Understanding Linux commands
- Verifying the working directory
- Working with Directories
- Performing a Text Search
- Obtaining file listings
- Changing the file access and modification time
- Switching to another user
- Modifying the ownership of a file
- Listing Files in a Directory
- Working with local Ethernet connection
- Creating a virtual PC machine
- Installing Windows 7 using VMware
- Installing Windows 8
- Identifying cloud type
- Using Google's cloud services
- Understanding email protocols
- Downloading Instagram from the Google Play Store
- Activating Google Now

- Viewing the version of an Android smartphone
- Viewing the iOS version
- Downloading Instagram from the App Store.
- Turning on Airplane Mode of an iPhone
- Turning on the Personal Hotspot of an iPhone
- Setting Up a VPN in Android
- Configuring an Email in Android
- Identifying security threat
- Describing types of viruses
- Running Microsoft Security Essentials and removing infected files
- Examining file permissions
- Encrypting a folder
- Configuring BitLocker for an identification field
- Disabling the guest account
- Encrypting flash drive with BitLocker
- Setting the account with a password
- Creating a user account and a user group
- Configuring password policies
- Enabling auditing of files, folders, and printers
- Configuring success and failure audit events
- Securing a system from an unauthorized login
- Locking an iPhone with a Password
- Extending monitor displays
- Performing disk cleanup
- Cleaning up the hard disk drive
- Changing the display settings of a laptop
- Configuring system in the event of a BSOD
- Identifying file extension purposes
- Describing boot files
- Creating backup and restoring registry
- Creating a backup of a local disk
- Connecting an iPhone to the Wi-Fi network
- Disabling cellular data on an iPhone
- Establishing a Bluetooth connection

## Here's what you get

**252**

PERFORMANCE BASED  
LAB

**170**

VIDEO TUTORIALS

**02:36**

HOURS

### 13. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

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