

uO

Course Outline

Complete CompTIA A Guide to Software



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1. Course Objective

Gain hands-on expertise in CompTIA A+ certification exam by Complete CompTIA A+ Guide to IT Hardware and Software course and 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 lab cover all the objectives of 220-901 exam & 220-902 exam and provide the expertise and 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. Exercises

There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding.

254
EXERCISES

4. 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.

398

QUIZZES

5. 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.

1475

FLASHCARDS

6. 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.

1475GLOSSARY OF
TERMS

7. 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.

8. 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.

9. 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.

10. 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

11. 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: Intro to the World of IT

- Who Needs This Book?
- Technician Qualities
- Breaking into IT with the CompTIA A+ Certification

- Basic Skills for This Course
- Types of Computers
- Basic Computer Parts
- Mice and Keyboards
- 1s and 0s
- Safety Notes
- Lesson Summary
- Activities
- Labs

Chapter 2: Connectivity

- Introduction to Connectivity
- External Connectivity
- Mouse and Keyboard Ports
- Video Ports
- USB Ports
- Installing Extra USB Ports
- Audio Ports

- IEEE 1394 (FireWire) Ports
- eSATA Ports
- Network Ports
- Modem Ports
- Integrated Motherboard Ports
- Getting to Know Ports
- Wireless Connectivity for Input Devices
- Soft Skills—Use Appropriate Titles
- Lesson Summary
- Activities
- Labs

Chapter 3: On the Motherboard

- On the Motherboard Overview
- Processor Overview
- Processor Basics
- Speeding Up Processor Operations Overview
- Cache

- Clocking
- Threading Technology
- Connecting to the Processor
- Multi-Core Processors
- Graphics Processing Unit (GPU)
- Virtualization
- Intel Processors
- CPU Sockets
- AMD Processors
- Processor Cooling
- Installing a Processor
- Upgrading Processors
- Overclocking Processors
- Installing CPU Thermal Solutions
- Troubleshooting Processor Issues
- Expansion Slots
- PCI (Peripheral Component Interconnect)

- AGP (Accelerated Graphics Port)
- PCIe (Peripheral Component Interconnect Express)
- Chipsets
- Types of Motherboards
- Upgrading and Replacing Motherboards
- Motherboard Troubleshooting
- Soft Skills—Active Listening
- Lesson Summary
- Activities
- Labs

Chapter 4: Introduction to Configuration

- Configuration Overview
- BIOS Overview
- The Setup Program
- Flash BIOS
- UEFI/BIOS Configuration Settings
- CMOS Memory

- Motherboard Battery
- Flashing the BIOS
- Clearing CMOS
- Other Configuration Parameters
- IRQ
- PCI/PCIe Interrupts
- I/O (Input/Output) Addresses
- Memory Addresses
- Hardware Configuration Overview
- Installing a USB Device
- Installing/Configuring FireWire Cards
- Troubleshooting Configurations
- Soft Skills—A Good Technician Quality: One Thing at a Time
- Lesson Summary
- Activities
- Labs

Chapter 5: Disassembly and Power

- Disassembly Overview
- Electrostatic Discharge (ESD)
- Electromagnetic Interference (EMI)
- Tools
- Disassembly
- Reassembly
- Preventive Maintenance
- Basic Electronics Overview
- Electronics: Terminology
- Power Supply Overview
- Power Supply Form Factors
- Purposes of a Power Supply
- Advanced Configuration and Power Interface (ACPI)
- Replacing or Upgrading a Power Supply
- Choosing a Power Supply
- Adverse Power Conditions
- Adverse Power Protection
- Surge Protectors

- Line Conditioners
- Battery Backup
- Phone Line Isolator
- Symptoms of Power Supply Problems
- Power Supply Voltages
- Solving Power Supply Problems
- Soft Skills—Written Communications Skills
- Lesson Summary
- Activities
- Labs

Chapter 6: Memory

- Memory Overview
- Memory Physical Packaging
- Planning the Memory Installation
- Installing Memory Overview
- Removing/Installing Memory
- Adding More Cache/RAM

- Windows Disk Caching
- Monitoring Memory Usage under Windows
- Older Applications under Windows
- Troubleshooting Memory Problems
- Flash Memory
- Soft Skills—Teamwork
- Lesson Summary
- Activities
- Labs

Chapter 7: Storage Devices

- Storage Devices Overview
- Hard Drive Overview
- Magnetic Hard Drive Geometry
- Solid State Drive (SSD) Overview
- Hard Drive Interfaces Overview
- Integrated Drive Electronics (IDE)
- Storage Device Configuration Overview

- PATA Physical Installation
- SATA Physical Installation
- SSD Physical Installation
- System BIOS/UEFI Configuration for Hard Drives
- Hard Drive Preparation Overview
- Partitioning
- How Drive Letters Are Assigned
- High-Level Formatting
- Windows Disk Management
- Fault Tolerance
- Removable Drive Storage
- Windows Storage Spaces
- Disk Caching/Virtual Memory
- Troubleshooting Storage Devices Overview
- Slow Performance
- Troubleshooting New Storage Device Installation
- Troubleshooting Previously Installed Storage Devices

- RAID Issues
- SSD Issues
- Soft Skills—Phone Skills
- Lesson Summary
- Activities
- Labs

Chapter 8: Multimedia Devices

- Multimedia Overview
- Optical Disk Drive Overview
- Optical Drive Features
- Optical Drive Interfaces and Connections
- Optical Drive Installation
- Troubleshooting Optical Drive Issues
- Preventive Maintenance for ODDs and Discs
- Introduction to Audio
- Theory of Sound Card Operation
- Installing Sound Cards

- Sound Cards Using Windows
- Speakers
- Troubleshooting Sound Problems
- Scanners
- Video Recording
- Installing and Configuring Other Peripheral Devices
- Soft Skills—Attitude
- Lesson Summary
- Activities
- Labs

Chapter 9: Video Technologies

- Video Overview
- Types of Video Output Devices
- Video Terminology and Theory
- LCD
- Video Ports and Cables
- Smart TV and Set Top Box Configuration

- Multiple Displays
- KVMs
- Projectors
- Display Preventive Maintenance
- Monitor Energy Efficiency
- Privacy
- Video Adapters
- Specialized Video Cards
- Video Memory
- Installing a Video Adapter
- Troubleshooting Video
- Soft Skills—Change Perspective When Troubleshooting
- Lesson Summary
- Activities
- Labs

Chapter 10: Printers

- Printers Overview

- Printer Ports
- Categories of Printers
- Impact Printers
- Inkjet Printers
- Laser Printers
- Thermal Printers
- 3-D Printers
- Paper
- Virtual Printing
- Refilling Cartridges, Re-inking Ribbons, and Recycling Cartridges
- Upgrading Printers
- Printer Maintenance
- USB Printer Installation
- Installing a Local Printer
- Printers in the Windows Environment
- Printing Device Sharing
- Cloud Printing
- General Printer Troubleshooting

- USB-Attached Printer Troubleshooting
- Windows Printer Troubleshooting
- Impact Printer Troubleshooting
- Inkjet Printer Troubleshooting
- Laser Printer Troubleshooting
- Soft Skills—Work Ethics
- Lesson Summary
- Activities
- Labs

Chapter 11: Mobile Devices

- Mobile Device Overview
- Using Mobile Devices
- Cell Phones
- Mobile Apps
- Mobile Device Wired Connectivity
- Mobile Device Wireless Connectivity
- Mobile Device Email Configuration

- Mobile Device Synchronization and Backup
- Other Mobile Software Tools
- Laptops Overview
- Laptop Hardware
- Laptop Power
- Laptop Repairs Overview
- Laptop System Board/Processor Replacement
- Laptop Keyboards/Touchpad
- Laptop Memory
- Laptop Storage
- Laptop Wireless Card Replacement
- Laptop DC Jack Replacement
- Mobile Device Sound
- Laptop Display
- Mobile Device Security
- Mobile Device Travel and Storage
- Mobile Device Troubleshooting Overview

- Mobile Device App Concerns
- Mobile Device Keyboard/Trackpad Issues
- Mobile Device Display Issues
- Mobile Device Power Issues
- Mobile Device Sound Issues
- Soft Skills—A Word about Appearance
- Lesson Summary
- Activities
- Labs

Chapter 12: Computer Design and Troubleshooting Review

- Design Overview
- Computer System Design
- Motherboard and Associated Component Design
- Power Supply and Case Design
- Storage Subsystem Design
- Audio Subsystem Design
- Display Subsystem Design

- Mobility Design
- Troubleshooting Overview
- Identify the Problem
- Establish a Theory of Probable Cause
- Test the Theory to Determine Cause
- Establish a Plan of Action and Implement the Solution
- Verify Full System Functionality and Implement Preventive Measures
- Document Findings, Actions, and Outcomes and Provide Feedback
- Sample Troubleshooting Flowcharts
- Soft Skills—Dealing withirate Customers
- Lesson Summary
- Activities
- Labs

Chapter 13: Internet Connectivity

- Internet Connectivity Overview
- Modems Overview
- Serial Communication Overview

- How to Configure Traditional Serial Devices
- 56Kb/s Modems
- Fax Modems
- Digital Modems and ISDN
- VoIP
- Cable Modems
- xDSL Modems
- Troubleshooting Cable and DSL Modems
- Satellite Modems
- Modem Preventive Maintenance
- Mobile Connectivity
- Web Browsers
- Basic Web Browser Issues
- Soft Skills—Mentoring
- Lesson Summary
- Activities
- Labs

Chapter 14: Introduction to Networking

- Networking Overview
- Attaching to Different Types of Networks
- Network Topologies
- Network Media Overview
- Copper Media
- Fiber Media
- Protecting Your Network and Cable Investment
- Ethernet Concepts
- Ethernet over Power
- The OSI Model
- The TCP/IP Model
- Network Addressing
- IP Addressing
- Wireless Networks Overview
- Bluetooth
- Wireless Network Components
- Wireless Network Design

- Antenna Basics
- Wireless Network Standards
- Wired or Wireless NIC Installation
- NIC Configuration When Using Virtualization
- Wireless AP/Router Basic Configuration
- WWAN Cellular Configuration
- Network Troubleshooting
- Network Printers
- Network Printer Troubleshooting
- Network Servers
- Embedded and Legacy Systems
- Network Terminology
- The TCP/IP Model in Action
- Using the Network and Sharing Center Control Panel
- Introduction to Shared Folders
- Network Connectivity
- Cloud Technologies
- Soft Skills—Being Proactive

- Lesson Summary
- Activities
- Labs

Chapter 15: Basic Windows

- Basic Operating Systems Overview
- Basic Windows Usage Overview
- Shortcuts and Tiles
- Recycle Bin
- Windows Vista/7 Desktop Components
- Windows 8 Desktop/Start Screen Components
- Windows 10 Desktop Components
- Interactions Within a Window
- Managing Windows Files and Folders
- Searches and Indexing
- Attributes, Compression, and Encryption
- Introduction to Windows Control Panels
- Determining the Windows Version

- Windows Registry
- Editing the Windows Registry
- Backing Up Data
- Recovering the Windows OS
- WinRE
- Virtualization Basics
- Command Prompt Overview
- Command Prompt Basics
- Moving Around from a Command Prompt
- The DIR Command
- The MD and RD Commands
- The DEL Command
- The TYPE Command
- Copying Files
- The ATTRIB Command
- Why Learn Commands?
- Command Format

- Soft Skills—Staying Current
- Lesson Summary
- Activities
- Labs

Chapter 16: Windows Vista, 7, 8, and 10

- Windows Vista/7/8/10 Overview
- Windows Vista/7/8/10 Versions
- Preinstallation of Windows
- Installation/Upgrade of Windows
- Corporate Windows Deployment
- Verifying the Installation
- Troubleshooting a Windows Installation
- Dual-Booting Windows
- Virtualization
- Reloading Windows
- Windows Updates
- Backing Up the Windows Registry and Data

- Configuring Windows Overview
- Configuring Windows
- Adding Devices
- Installing/Removing Software
- Microsoft Management Console
- System Tools
- Managing Storage
- Managing Services and Applications
- Data Sources (ODBC)
- Print Management Console
- Overview of the Windows Boot Process
- Speeding Up the Windows Boot Process
- Troubleshooting the Windows Boot Process
- WinRE
- Advanced Boot Options/Startup Settings Menu
- System Configuration Utility
- Task Manager
- Troubleshooting a Service That Does Not Start

- Windows Reboots
- Shutdown Problems
- Monitoring System Performance
- Supporting Windows Computers Remotely
- Preventive Maintenance for Your Operating System
- Soft Skills—Avoiding Burnout
- Lesson Summary
- Activities
- Labs

Chapter 17: OS X and Linux Operating Systems

- Introduction to OS X
- Navigating the User Interface
- Basic System Usage, Updates, and Backups
- Management and Troubleshooting Tools
- Utilities
- Introduction to Linux
- Navigating the User Interface

- Basic System Usage, Updates, and Backups
- Command-Line Interface
- OS X and Linux Best Practices
- Soft Skills—Be Humble
- Lesson Summary
- Activities
- Labs

Chapter 18: Computer and Network Security

- Security Overview
- Security Policy
- Physical Security
- Digital Security
- User Education
- Security Threats and Vulnerabilities
- Workgroups and Domains
- Protecting Access to Local and Network Resources
- Permissions

- Folder Options
- Protecting the Operating System and Data
- Internet Security
- Wireless Network Security Overview
- Wireless Authentication and Encryption
- Default Settings
- Wireless AP Installation Checklist
- Wireless Security Conclusion
- Wireless Network Troubleshooting
- Security Incident Reporting
- A Final Word About Security
- Soft Skills: Building Customer Trust
- Lesson Summary
- Activities
- Labs

Chapter 19: Operational Procedures

- Operational Procedures Overview

- Communication Skills
- Lesson Summary
- Activities

Chapter 20: Appendix A

- Subnetting Basics
- Lab

Videos and How To

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

334

VIDEOS

26

MINUTES

12. Practice Test

Here's what you get

100PRE-ASSESSMENTS
QUESTIONS**2**

FULL LENGTH TESTS

92POST-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.

13. 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 computer components
- Identifying computer activities
- Identifying input and output devices
- Identifying I/O ports of a motherboard
- Identifying mouse and keyboard connectivity ports
- Identifying Video Ports and Connectors
- Identifying HDMI connector type
- Understanding USB versions
- Inserting a Pen Drive into the USB Port
- Formatting a pen drive
- Removing a pen drive from a computer
- Connecting the Hub with Different Devices Using USB Cables
- Identifying audio ports
- Connecting the Motherboard to the Internal Hard Drive
- Identifying desktop PC ports
- Identifying the CPU package types
- Identifying a PCI-Bus Slot
- Identifying motherboard slots
- Installing a processor
- Identifying a CPU Socket
- Installing Firewire Cards

- Installing a PCI Sound Card
- Identifying cache memory type
- Identifying the motherboard form factors
- Accessing BIOS Setup in Windows 10
- Changing the CMOS battery
- Disabling the COM and parallel ports
- Clearing the CMOS settings
- Viewing IRQs in Device Manager
- Examining the power used by a USB device
- Setting Up a Surge Protected Computer System
- Configuring the UPS
- Assembling Computer Components
- Using a UPS to Power the Computer Components and Ensure the Network Connectivity
- Installing SMPS and Connecting it to the Motherboard
- Identifying computer power supply connectors
- Identifying functions of a power supply
- Changing the system's screen saver
- Replacing the Power Supply
- Identifying Types of RAM
- Installing Memory Modules
- Exploring installed hardware
- Configuring the virtual memory size
- Viewing system properties
- Identifying steps for installing a storage device
- Identifying PATA cable connectors
- Supplying Power to a SATA Drive
- Changing a basic disk into a dynamic disk
- Identifying RAID level characteristics
- Running different parameters of the chkdsk command
- Running Disk Defragmenter in Windows 7
- Cleaning up the hard disk drive
- Copying Files to a Disc Using File Explorer
- Identifying sound card ports
- Installing an Optical Drive and a PCI Sound Card
- Connecting Speakers to a Computer

- Identifying features of scanner file formats
- Connecting a digital camera to a computer
- Identifying peripheral devices
- Installing Expansion Cards on a Motherboard
- Providing Cooling and Ventilation to a Motherboard
- Changing the refresh rate in Windows 7
- Changing the display settings of a laptop
- Extending monitor displays
- Identifying video features
- Changing the Resolution Setting
- Changing the color of the desktop
- Identifying video card ports
- Configuring system in the event of a BSOD
- Verifying properties of keyboards, disk drives, and network adapters
- Configuring two new computers: Home Entertainment and SOHO
- Identifying the stages of the laser printing process
- Inserting Ink Cartridges into a Printer
- Replacing the toner cartridge on a laser printer
- Connecting a USB Printer to a Computer
- Installing a printer
- Stopping and restarting the print spooler service
- Calibrating the printing device
- Sharing a network printer
- Running power troubleshooter
- Configuring printer memory
- Viewing the version of an Android smartphone
- Viewing the iOS version
- Downloading Instagram from the App Store.
- Downloading Instagram from the Google Play Store
- Identifying mobile connectors
- Understanding email protocols
- Turning on Airplane Mode of an iPhone
- Establishing a Bluetooth connection
- Turning on the Personal Hotspot of an iPhone
- Identifying a port

- Installing Laptop Components
- Identifying function keys of a keyboard
- Locking an iPhone with a Password
- Identifying computer parts
- Comparing desktop and laptop
- Installing a USB 3.0 PCI Express Card (2.0 x4)
- Troubleshooting theory
- Configuring Windows 7 to use a proxy server
- Deleting browser history in IE
- Identifying network categories
- Identifying network types
- Identifying OSI layers
- Connecting a star topology
- Identifying network topologies
- Identifying a network topology
- Identifying components of a coaxial cable
- Identifying network connectors
- Identifying the purpose of OSI layers
- Identifying OSI layer functions
- Identifying TCP/IP model layers
- Identifying TCP/IP layers
- Adding and removing an IPv6 address
- Describing 802.11 networking standards
- Installing a NIC
- Understanding network card properties
- Configuring the TCP/IP values
- Analyzing network paths with tracert
- Analyzing domain names with nslookup
- Renewing an IP address
- Understanding the ipconfig command
- Encrypting a folder
- Viewing the status of a disk
- Auto-hiding the taskbar
- Labeling the Start menu of Windows 8
- Showing hidden and system-protected files

- Identifying file extension purposes
- Observing the Control Panel options in different views
- Installing Windows 8
- Enabling Hardware Virtualization
- Working with Directories
- Creating a virtual PC machine
- Creating a backup of a local disk
- Installing Windows 7 using VMware
- Creating backup and restoring registry
- Exploring installed applications
- Creating a bootable VHD using Disk Management
- Changing the time zone
- Customizing user account notification settings
- Modifying touchpad settings
- Creating a user account and a user group
- Setting the account with a password
- Investigating startup processes
- Rolling back a device driver
- Disabling certain applications and services at startup
- Viewing processes details in the task manager
- Configuring Performance Monitor
- Connecting a remote desktop
- Connecting to a remote desktop
- Creating and listing directories
- Understanding Linux commands
- Modifying the ownership of a file
- Performing a Text Search
- Listing Files in a Directory
- Verifying the working directory
- Understanding the BIOS security options
- Creating a homegroup
- Disabling the guest account
- Configuring password policy
- Running different parameters of the net share command
- Examining file permissions

- Sharing a folder with another user
- Configuring BitLocker for an identification field
- Encrypting flash drive with BitLocker
- Creating a restore point
- Configuring Windows 7 for media streaming
- Turning on Windows 7 firewall logs
- Rolling back to a restore point
- Running Microsoft Security Essentials and removing infected files
- Turning on Windows Firewall
- Configuring Windows Firewall with advanced security
- Turning on system protection
- Connecting to a wireless network
- Identifying computer troubleshooting steps
- Identifying guidelines for effective communication

Here's what you get

175

PERFORMANCE BASED
LAB

115

VIDEO TUTORIALS

01:55

HOURS

14. 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.

GET IN TOUCH: