

220-1101-02: CompTIA A+ Certification: Part 2 of 9: Printers and Mobile Devices

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Meet the expert: Patrick Loner has certifications for MCSA, MCSE, MCITP, A+, Network+, Security+, and more. He has been working as a Microsoft Certified Trainer, network administrator, and network consultant for over ten years. He has over a decade of experience working with and teaching about Windows networks with client and server operating systems. He has guided many students toward Microsoft and CompTIA certifications. Most recently, he has worked as a freelance trainer and network consultant specializing in Windows Server 2008 and Microsoft Exchange 2007 and Exchange 2010 implementations, design, and upgrades. Patrick continues to branch out now working with and training on Windows Server 2012, Windows 8, Exchange 2013, and System Center Configuration Manager 2012.

Prerequisites: This course assumes the user has little to experience with computer hardware or software.

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Course description: In this course for the CompTIA A+ 1101-1102 exam, we will dive into Printers and mobile devices. Topics covered include: Printer types, installation and troubleshooting as well as an overview of mobile devices and how to deal with smartphones to laptops and tablets.

Course outline:

Printer Types

- Introduction
- Printers and Scanners Overview
- Dot Matrix
- Inkjet Printers
- Laser Printers
- Field Replaceable Units
- Thermal Printers
- 3D Printers
- Summary

Printer Installation

- Introduction
- Printer Connections
- Configuration
- Network Printers
- Printer Security
- Network Scan Services
- Demo: Installing Printer
- Summary

Troubleshooting Printing and Scanning

- Introduction
- Troubleshooting Inkjet
- Troubleshooting Laser
- Summary

Mobile Devices Overview

- Introduction
- Mobile Devices Overview
- Mobile Hardware
- Batteries

- Power Management
- Demo: Power Options
- Summary

Mobile Device Components

- Introduction
- Laptop RAM
- Migrating Drives
- Input
- Function Keys
- Laptop displays
- Display Components
- Connection Methods
- Docking Stations
- Summary

Replacing Laptop Components

- Introduction
- Replacing Keyboards
- Replacing Hard Drives
- Replacing Memory
- Replacing Wireless Cards
- Replacing Batteries
- Summary

Smartphones and Tablets

- Introduction
- Alternative Mobile Devices
- Tablets
- Smartphones
- Wearable Technology
- Summary

Ports and Connectors

- Introduction

- Mobile Device Ports and Connectors
- Near Field Communication
- Apple Lightning
- USB Types
- Bluetooth
- Additional Connection Types
- Accessories
- Summary

Net Connectivity and App Support

- Introduction
- Mobile Device Synchronization
- Mobile Device Management
- Demo: Cloud Storage
- Cellular Data Networks
- Demo: InTune Endpoint Manager
- Summary