

30 Bird–CompTIA A+ Core 1 (Exam 220-1201), Skill Labs

Course Specifications

Course Number: ACI76-011SL_rev1.0

Lab Length: Approximately 26 hours

Overview

CompTIA A+ Certification, Core 1: Exam 220-1201 provides the basic knowledge needed to install, configure, and support computer hardware and networking equipment. This includes:

- Applying troubleshooting skills
- Installing, configuring and maintaining PCs and devices for end users
- Understanding the basics of network protocols and infrastructure
- Properly and safely diagnosing, resolving, and documenting common hardware and network issues
- Understanding the basics of virtualization, desktop imaging, and deployment.

Modules in this Course

Simulations

1. 30 Bird – CMOS Battery Replacement (Ch 2, Mod A)
2. 30 Bird - Inspecting Desktop Motherboards (Ch 2, Mod A)
3. 30 Bird - Cooling a Desktop System (Ch 2, Mod B)
4. 30 Bird - Choosing Power Supply Units (Ch 3, Mod C)
5. 30 Bird - Verifying UEFI Settings (Ch 4, Mod A)
6. 30 Bird - Replacing a Laptop RAM Module (Ch 4, Mod A)
7. 30 Bird - Installing a Desktop RAM Module (Ch 4, Mod B)
8. 30 Bird - Installing a Desktop Expansion Card (Ch 5, Mod B)
9. 30 Bird - Replacing a Laptop SSD (Ch 6, Mod A)
10. 30 Bird - Configuring RAID (Ch 6, Mod B)
11. 30 Bird - Configuring Computer Accessories - Webcam (Ch 7, Mod A)
12. 30 Bird - Setting up a Bluetooth Device (Ch 7, Mod D)
13. 30 Bird - Changing Inkjet Cartridges (Ch 8, Mod B)
14. 30 Bird - Connecting to Network-based Devices (Ch 8, Mod C)
15. 30 Bird - Replacing a Laptop Battery (Ch 9, Mod A)
16. 30 Bird - Replacing a Laptop Keyboard (Ch 9, Mod A)
17. 30 Bird - Installing a Network TAP (Ch 10, Mod B)
18. 30 Bird - Using Crimpers and Cable Testers (Ch 11, Mod A)
19. 30 Bird - Using Punch Down Tools (Ch 11, Mod A)
20. 30 Bird - Using Toner Probes (Ch 11, Mod A)
21. 30 Bird - Testing with a Loopback Plug (Ch 11, Mod A)
22. 30 Bird - Troubleshooting Network Connectivity (Ch 13, Mod B)
23. 30 Bird - Configuring a Wi-Fi Network Router (Ch 13, Mod B)
24. 30 Bird - Synchronizing Microsoft 365 (Ch 14, Mod B)

Labs

1. 30 Bird - Configuring a Static IP Address (Ch 12, Mod A)
2. 30 Bird - Wireless Security Protocols and Authentication (Ch 13, Mod B)