



*the Learning Academy* dci



## CompTIA A+ Certification



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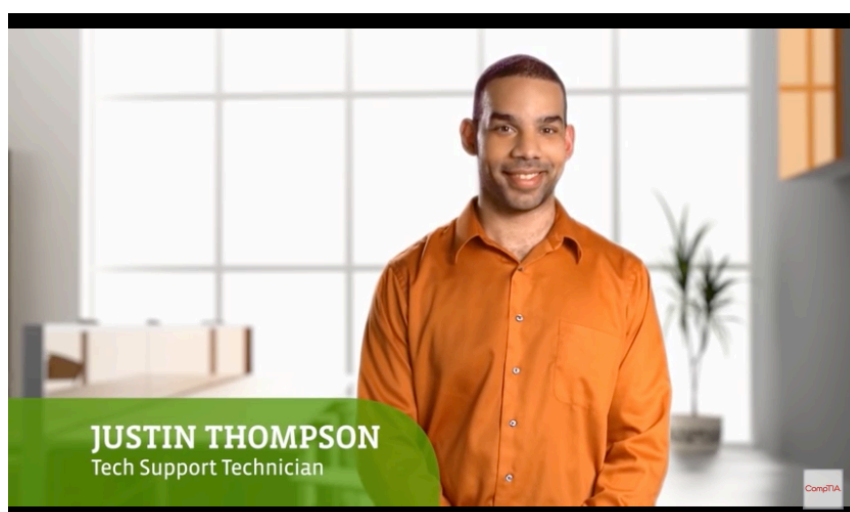
ALWAYS LEARNING

**CompTIA A+**  
220-801 and 220-802



uCertify

IT success stories start with CompTIA A+ certification. It validates understanding of the most common hardware and software technologies in business and certifies the skills necessary to support complex IT infrastructures. CompTIA A+ is a powerful credential that helps IT professionals worldwide ignite their IT career.



## CompTIA A+ Certification

Held by over 1 million IT professionals worldwide, CompTIA A+ is the most essential IT certification for establishing an IT career. If you're new to the IT industry, this will help you put your best foot forward. And if you're already an IT professional, the CompTIA A+ certification validates your skills and can boost your career.

## Instructor-Led Training

Instructor-led training provides a comfortable teaching environment with instructors that are familiar with the certification process and can help you master your certification exam.

## Overview

- **A+ is comprehensive and vendor-neutral**

A+ certified professionals have mastered the technologies found in today's extensive and varied IT environments, from mobile to traditional devices and operating systems. They can confidently handle the most challenging technology problems more efficiently.

- **A+ validates foundational skills**

A+ establishes best practices in troubleshooting, networking and security across a variety of devices to set the stage for IT careers. The certification also matches professional tech skills with communication skills.

- **A+ is trusted by employers**

As businesses and governments worldwide continue to adopt mobile and cloud technology, they trust A+ certified professionals to keep their devices running and organizations working smoothly.

- **A+ is globally recognized and accredited**

CompTIA A+ is compliant with ISO 17024 standards and is approved by the U.S. Department of Defense to meet directive 8570.01-M requirements.

- **A+ is industry supported**

A+ is developed and maintained by leading IT experts. Content for the exams stems from a combination of industry-wide survey feedback and contributions from our team of subject matter experts.



# CompTIA A+

EXAM CODES 220-801 & 220-802, 220-901 & 220-902

## A+ Certification Preparatory Program Agenda

### Program Schedule:

Monday – Friday / 8:30am – 3:30pm

- Weeks 1- 6: Part I [220-901]
- Weeks 7 -12: Part II [220-902]



### Week 1 Program Agenda:

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b><u>PART I [220-901] BEGINS</u></b> <b>Unit 1 Overview: Motherboards, Processors, and Memory</b> 1.1 Identifying Components of Motherboards	LUNCH	LAB
Tuesday	1.2 Identifying Purposes and Characteristics of Processors 1.3 Identifying Purposes and Characteristics of Memory	LUNCH	LAB
Wednesday	1.4 Identifying Purposes and Characteristics of Cooling Systems	LUNCH	<b>UNIT 1 REVIEW</b> <b>UNIT 1 QUIZ</b>
Thursday	<b>Unit 2 Overview: Storage Devices and Power Supplies</b> 2.1 Identifying Purposes and Characteristics of Storage Devices	LUNCH	LAB
Friday	2.2 Identifying Purposes and Characteristics of Power Supplies	LUNCH	<b>UNIT 2 REVIEW</b> <b>UNIT 2 QUIZ</b>

**Week 2 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 3 Overview: Peripherals and Expansion</b> 3.1 Installing and Configuration of Expansion Cards	LUNCH	LAB
Tuesday	3.2 Identifying Characteristics of Connectors and Cables	LUNCH	LAB
Wednesday	3.3 Input Devices 3.4 Output Devices	LUNCH	LAB
Thursday	3.5 Input and Output Devices	LUNCH	<b>UNIT 3 REVIEW</b> <b>UNIT 3 QUIZ</b>
Friday	<b>Unit 4 Overview: Display Devices</b> 4.1 Understanding Display Types and Settings 4.2 Understanding Video Standards and Technologies	LUNCH	<b>UNIT 4 REVIEW</b> <b>UNIT 4 QUIZ</b>

**Week 3 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 5 Overview: Custom Configurations</b> 5.1 Standard Thick Clients	LUNCH	LAB
Tuesday	5.2 Graphic and CAD/CAM Design Workstations 5.3 Audio/Video Editing Workstations 5.4 Gaming PCs 5.6 Home Theater PCs	LUNCH	LAB
Wednesday	5.7 Thin Clients 5.8 Home Server PCs	LUNCH	<b>UNIT 5 REVIEW</b> <b>UNIT 5 QUIZ</b>
Thursday	<b>Unit 6 Overview: Networking Fundamentals</b> 6.1 Understanding Networking Principles	LUNCH	LAB
Friday	6.2 Identifying Common Network Hardware	LUNCH	<b>UNIT 6 REVIEW</b> <b>UNIT 6 QUIZ</b>

**Week 4 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 7 Overview: Introduction to TCP/IP</b> 7.1 Understanding TCP/IP	LUNCH	<b>UNIT 7 REVIEW</b> <b>UNIT 7 QUIZ</b>
Tuesday	<b>Unit 8 Overview: Installing Wireless and SOHO Networks</b> 8.1 Understanding Wireless Networking	LUNCH	LAB
Wednesday	8.2 Installing and Configuring SOHO Networks <b>UNIT 8 REVIEW</b>	LUNCH	LAB <b>UNIT 8 QUIZ</b>
Thursday	<b>Unit 9 Overview: Understanding Laptops</b> 9.1 Understanding Laptop Architecture	LUNCH	LAB
Friday	9.2 Disassembling and Reassembling Laptops LAB	LUNCH	<b>UNIT 9 REVIEW</b> <b>UNIT 9 QUIZ</b>

**Week 5 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 10 Overview: Understanding Mobile Devices</b> 10.1 Understanding Mobile Devices LAB	LUNCH	<b>UNIT 10 REVIEW</b> <b>UNIT 10 QUIZ</b>
Tuesday	<b>Unit 11 Overview: Installing and Configuring Printers</b> 11.2 Installing and Configuring Printers 11.3 Performing Printer Maintenance and Upgrades LAB	LUNCH	<b>UNIT 11 REVIEW</b> <b>UNIT 11 QUIZ</b>
Wednesday	<b>Unit 12 Overview: Hardware and Network Troubleshooting</b> 12.1 Troubleshooting Core Hardware Issues	LUNCH	LAB



Thursday	12.2 Troubleshooting Mobile Devices, Printers, and Networking LAB	LUNCH	<b>UNIT 12 REVIEW</b> <b>UNIT 12 QUIZ</b>
Friday	<b>EXAM ESSENTIALS</b>	LUNCH	*Complete any unfinished labs* <b>PART I [220-901] ENDS</b>

### Week 6 Program Agenda:

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>PART II [220-902] BEGINS</b> <b>Unit 1 Overview: Operating Systems Basics</b> 1.1 Understanding Operating Systems	LUNCH	LAB
Tuesday	1.2 Going Virtual LAB	LUNCH	<b>UNIT 1 REVIEW</b> <b>UNIT 1 QUIZ</b>
Wednesday	<b>Unit 2 Overview: Operating System Administration</b> 2.1 Interacting with Operating Systems	LUNCH	LAB
Thursday	2.2 Administrative Tools	LUNCH	LAB
Friday	2.3 Disk Management LAB	LUNCH	<b>UNIT 2 REVIEW</b> <b>UNIT 2 QUIZ</b>

### Week 7 Program Agenda:

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 3 Overview: Working with Windows 8/8.1</b> 3.1 Windows Editions	LUNCH	LAB
Tuesday	3.2 Installing Windows 8 3.3 Windows 8 Boot Methods LAB	LUNCH	<b>UNIT 3 REVIEW</b> <b>UNIT 3 QUIZ</b>
Wednesday	<b>Unit 4 Overview: Working with Windows 7</b> 4.1 Windows 7 Editions 4.2 Installing Windows 7	LUNCH	LAB





	4.3 The Windows 7 Boot Sequences		
Thursday	4.4 Windows 7 Features 4.5 Windows 7 Administrative Tools 4.6 Unique Control Panel Utilities	LUNCH	LAB
Friday	4.7 Networking and Windows 7 4.8 Windows 7 System Performance and Optimization LAB	LUNCH	<b>UNIT 4 REVIEW</b> <b>UNIT 4 QUIZ</b>

### Week 8 Program Agenda:

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 5 Overview: Working with Windows Vista</b> 5.1 Windows Vista Editions 5.2 Installing Windows Vista 5.3 The Windows Vista Boot Sequences	LUNCH	LAB
Tuesday	5.4 Windows Vista Features 5.5 Windows Vista Administrative Tools 5.6 Distinctive Utilities	LUNCH	LAB
Wednesday	5.7 Networking and Windows Vista 5.8 Vista System Performance and Optimization LAB	LUNCH	<b>UNIT 5 REVIEW</b> <b>UNIT 5 QUIZ</b>
Thursday	<b>Unit 6 Overview: Working with Mac OS and Linux</b> 6.1 Best Practices 6.2 Tools 6.3 Features	LUNCH	LAB
Friday	6.4 Basic Linux Commands LAB	LUNCH	<b>UNIT 6 REVIEW</b> <b>UNIT 6 QUIZ</b>



**Week 9 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 7 Overview: Security</b> 7.1 Common Prevention Methods 7.2 Common Security Threats	LUNCH	LAB
Tuesday	7.3 Workstation Security Best Practices 7.4 Working with Windows OS Security Settings	LUNCH	LAB
Wednesday	7.5 Mobile Device Security 7.6 Destruction and Disposal Methods	LUNCH	LAB
Thursday	7.7 Securing a SOHO Network (Wireless)	LUNCH	LAB
Friday	7.8 Securing a SOHO Network (Wired)  LAB	LUNCH	<b>UNIT 7 REVIEW</b> <b>UNIT 7 QUIZ</b>

**Week 10 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>UNIT 8 Overview: Network Services, Cloud Computing, and Virtualization</b> 8.1 Understanding Network Services	LUNCH	LAB
Tuesday	8.2 Understanding Cloud Computing and Virtualization  LAB	LUNCH	<b>UNIT 8 REVIEW</b> <b>UNIT 8 QUIZ</b>
Wednesday	<b>Unit 9 Overview: Mobile Operating Systems and Connectivity</b> 9.1 Understanding Mobile Operating Systems	LUNCH	LAB
Thursday	9.2 Network Connectivity and Email	LUNCH	LAB
Friday	9.3 Mobile Device Synchronization	LUNCH	<b>UNIT 9 REVIEW</b> <b>UNIT 9 QUIZ</b>



LAB

**Week 11 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 10 Overview: Troubleshooting Theory, OSs, and Security</b> 10.1 Understanding Troubleshooting Theory	LUNCH	LAB
Tuesday	10.2 Troubleshooting Operating Systems	LUNCH	LAB
Wednesday	10.3 Troubleshooting Security Issues	LUNCH	LAB
Thursday	10.4 Troubleshooting Mobile Issues	LUNCH	LAB
Friday	10.5 Troubleshooting Mobile Security Issues LAB	LUNCH	<b>UNIT 10 REVIEW</b> <b>UNIT 10 QUIZ</b>

**Week 12 Program Agenda:**

Day	8:30am 1:00pm	1:00pm – 1:30pm	1:30pm – 3:30pm
Monday	<b>Unit 11 Overview: Understanding Operational Procedures</b> 11.1 Understanding Safety Procedures	LUNCH	LAB
Tuesday	11.2 Understanding Environmental Controls	LUNCH	LAB
Wednesday	11.3 Understanding Policies, Licensing, and Privacy	LUNCH	LAB
Thursday	11.4 Demonstrating Professionalism LAB	LUNCH	<b>UNIT 11 REVIEW</b> <b>UNIT 11 QUIZ</b>
Friday	<b>EXAM ESSENTIALS</b>	LUNCH	*Complete any unfinished labs* <b>PART II [220-901] ENDS</b>