

CompTIA A+ Core 1

LENGTH

5 days

VERSION

220-1101

COMPTIA AT LUMIFY WORK

CompTIA is the voice of the world's information technology (IT) industry. A non-profit association, CompTIA offers IT professionals vendor neutral, industry-leading IT certifications. Lumify Work is proud to be a CAPP Gold Partner – offering A+, Network+, Security+, CySA+, Pentest+ and more.



WHY STUDY THIS COURSE

This 5-day CompTIA A+ Core hands-on course is designed to prepare you for the CompTIA 220-1101 exam. The course provides the background knowledge and skills you require to be a successful A+ technician.

CompTIA A+ certified professionals are proven problem solvers. They support today's core technologies from security to cloud to data management and more. CompTIA A+ is the industry standard for launching IT careers into today's digital world. It is the only industry recognised credential with performance-based items to prove pros can think on their feet to perform critical IT support tasks in the moment. It is trusted by employers around the world to identify the go-to person in end point management and technical support roles. CompTIA A+ is regularly re-invented by IT experts to ensure that it validates core skills and abilities demanded in the workplace.

CompTIA A+ 220-1101 covers mobile devices, networking technology, hardware, virtualisation and cloud computing and network troubleshooting.

Please note: The exam is not included in the course fee but can be purchased separately.

WHAT YOU'LL LEARN

The CompTIA A+ Core 1 (220-1101) and Core 2 (220-1102) certification exams will verify the successful candidate has the knowledge and skills required to:

- › Install, configure, and maintain computer equipment, mobile devices, and software for end users
- › Service components based on customer requirements
- › Understand networking basics and apply basic cybersecurity methods to mitigate threats Properly and safely diagnose, resolve, and document common hardware and software issues

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- › Apply troubleshooting skills and provide customer support using appropriate communication skills
- › Understand the basics of scripting, cloud technologies, virtualization, and multi-OS deployments in corporate environments



My instructor was great being able to put scenarios into real world instances that related to my specific situation.

I was made to feel welcome from the moment I arrived and the ability to sit as a group outside the classroom to discuss our situations and our goals was extremely valuable.

I learnt a lot and felt it was important that my goals by attending this course were met.

Great job Lumify Work team.

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Lumify Work Customised Training

We can also deliver and customise this training course for larger groups saving your organisation time, money and resources.

For more information, please contact us on [02 8286 9429](tel:028269429).

COURSE SUBJECTS

Refer to the [certification guide](#) and the [exam objectives](#) for a deeper dive into the A+ Core 1 curriculum.

Domain 1 - Mobile Devices

- Install & configure laptop hardware & components
- Compare & contrast the display components of mobile devices
- Set up & configure accessories & ports of mobile devices
- Configure basic mobile device network connectivity & application support
- Explain the characteristics of network topologies & network types
- Summarise the types of cables & connectors and explain which is the appropriate type for a solution
- Configure a subnet & use appropriate IP addressing schemes
- Explain common ports & protocols, their application, & encrypted alternatives
- Explain the use & purpose of network services
- Explain basic corporate & datacenter network architecture
- Summarise cloud concepts & connectivity options

Domain 2 - Networking

- Compare and contrast Transmission Control Protocol (TCP) & User Datagram Protocol (UDP) ports, protocols, & their purposes
- Compare & contrast common networking hardware
- Compare & contrast protocols for wireless networking
- Summarise services provided by networked hosts
- Install & configure basic wired/wireless small office/ home office (SOHO) networks

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- Compare & contrast common network configuration concepts
- Compare & contrast Internet connection types, network types, & their features
- Use networking tools

Domain 3 - Hardware

- Explain basic cable types and their connectors, features, and purposes
- Install the appropriate RAM
- Select and install storage devices
- Install and configure motherboards, central processing units (CPUs), and add-on cards
- Install or replace the appropriate power supply
- Deploy and configure multifunction devices/ printers and settings
- Install and replace printer consumables

Domain 4 - Virtualisation and Cloud Computing

- Summarise cloud computing concepts
- Summarise aspects of client-side virtualisation

Domain 5 - Network and Hardware Troubleshooting

- Apply the best practice methodology to resolve problems
- Troubleshoot problems related to motherboards, RAM, CPU and power
- Troubleshoot and diagnose problems with storage drives and RAID arrays
- Troubleshoot video, projector and display issues
- Troubleshoot common issues with mobile devices
- Troubleshoot and resolve printer issues
- Troubleshoot problems with wired and wireless networks

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WHO IS THE COURSE FOR?

This course is designed for individuals who have basic computer user skills and who are interested in obtaining a job as an entry-level IT technician. This course is also designed for students who are seeking the CompTIA A+ certification and who want to prepare for the CompTIA A+ Core 1 220-1101 Certification Exam.

We can also deliver and customise this training course for larger groups – saving your organisation time, money and resources. For more information, please contact us via email on ph.training@lumifywork.com

PREREQUISITES

To ensure your success in this course, you should have experience with basic computer user skills, be able to complete tasks in a Microsoft Windows environment, be able to search for, browse, and access information on the Internet, and have basic knowledge of computing concepts. You can obtain this level of skills and knowledge by taking the following official CompTIA courses:

- The Official CompTIA IT Fundamentals+ (Exam FC0-U61)

Note: The prerequisites for this course might differ significantly from the prerequisites for the CompTIA certification exam. For the most up-to-date information about the exam prerequisites, complete the form on this [page](#).

The supply of this course by Lumify Work is governed by the booking terms and conditions. Please read the terms and conditions carefully before enrolling in this course, as enrolment in the course is conditional on acceptance of these terms and conditions.

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