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Sign up

Comptia A+ Training : Certification (220-1101)

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

4 days (28 hours)

Presentation

Our Comptia A+© training course will prepare you effectively for certification. An essential qualification to prove your competence in the fundamental concepts of IT. With Comptia A+ certification, you can prove your IT skills.

Our course program follows the main themes of the Comptia Core 1 and Core 2 exams. You'll learn about PC hardware components, peripherals and mass storage.

Our training will also teach you troubleshooting and security for a wide range of IT devices, such as computers and telephones, or on any operating system such as Windows or MaxOS.

Finally, we'll teach you the best methods and best practices for passing the exam and continuing to progress on your own. Like all our training courses, this one will alternate theory with practical exercises.

Training content

- 4-day training with a certified expert
- 1 year self-study access to the Labs
- 1 certification pass

Objectives

- Getting ready for the Comptia A+© exam
- Learn installation, maintenance and troubleshooting procedures for most devices

Target audience

- IT technicians
- Service desk analyst

Prerequisites

1 year's experience in IT is recommended, or IT training.

Note: Ambient IT is not the owner of Comptia Certifications©, this certification belongs to Comptia, Inc.

COMPTIA A+© TRAINING PROGRAM

COMPUTER FUNDAMENTALS AND TROUBLESHOOTING THEORY

- Main computer components
- Troubleshooting and problem solving
- The importance of security and professionalism in IT
- Overview of physical safety and safe working procedures
- Essential tools for the IT technician

PC HARDWARE COMPONENTS

- CPU architecture and installation
- Common problems and solutions
- RAM specifications and troubleshooting
- BIOS/UEFI operation and configuration, identification of firmware problems
- Common motherboard problems
- Selecting and troubleshooting power supplies

PERIPHERALS AND MASS STORAGE

- Motherboards and connectors
- Peripheral management and troubleshooting
- Overview of different types of storage: HDD, SSD, RAID
- Data security
- Troubleshooting techniques for mass storage problems

OPERATING SYSTEMS AND NETWORKS

- Windows, macOS and Linux operating systems
- OS installation, updating and troubleshooting
- Basic configuration
- Virtualization and cloud computing integration concepts
- Network security: understanding and configuring

COMPUTER SECURITY

- Understanding threats and vulnerabilities
- Workstation and browser security
- Security for mobile devices and SOHO networks
- Malware detection and response
- Data security management

MOBILE DEVICES AND SUPPORT TOOLS

- Configuration and troubleshooting
- Specific installation and configuration
- Use of remote access technologies
- Backup and recovery procedures
- Introduction to the basics of script programming

OPERATING PROCEDURES AND EXAM PREPARATION

- Documentation best practices
- Communication techniques
- Follow safety and environmental procedures
- CompTIA A+ exam structure
- Tips for exam day
- General review and question-and-answer session

CASE STUDIES AND WORKSHOPS

- Practical workshop on PC assembly
- Simulated troubleshooting of hardware and software problems
- Setting up a small home network
- Security workshop: firewall and antivirus configuration
- Live operating system troubleshooting session

POST-TRAINING FOLLOW-UP AND ADDITIONAL RESOURCES

- Continuous learning and online resources
- Keep your technical skills up to date
- Community and self-help forums
- Customized study plan

FAQ - QUESTIONS / ANSWERS

In what language are you taught Comptia A+?

The course is in French.

Is the exam included in the course price?

Yes, the price of the certification is included in the cost of the course ($253 for information only). You can take the exam at the end of the session.

How does the A+ certification exam work?

The exam consists of 2 performance-based MCQs of up to **90 questions**. It is taken online at

an approved Pearson Vue test center.

Each exam lasts **90 minutes** and is available in English and French.

To pass this certification, you need to score at least 675 points in the first exam and 700 in the second, on a scale from 100 to 900 points.

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.