

Course Description

BTS works with clients to deliver appropriate material to become CompTIA A+ certified. Course design uses the latest texts and other materials over a one or two week period based on client needs. The two week design includes building a computer from the latest parts, e.g., SATA drives, DDR3 RAM, Gigabit ethernet card, etc. Time is allowed after each Instructor presentation and demonstration for student hands-on work on actual equipment, labs, practice exams and A+ related drills. Students take two exams soon after class to become A+ Certified Technicians. Based on the class design student pass rates are often 100

The A+ certification is the industry standard for computer support technicians. The international, vendor-neutral certification proves competence in areas such as installation, preventative maintenance, networking, security and troubleshooting. CompTIA A+ certified technicians also have excellent customer service and communication skills to work with clients.

CompTIA A+ is part of the certification track for corporations such as Microsoft, Hewlett-Packard, Cisco and Novell. Other technology companies, including CompuCom and Ricoh, have made CompTIA A+ certification mandatory for their service technicians. More than 700,000 people worldwide have become CompTIA A+ certified since the programs inception in 1993.

The latest version of CompTIA A+ is CompTIA A+ 2009 Edition. Two exams are necessary to be certified CompTIA A+ Essentials, exam code 220-701 and CompTIA A+ Practical Application, exam code 220-702.

Why A New Exam?

The CompTIA A+ exam was last updated in 2006. Releasing a new version of the exam ensures that CompTIA A+ reflects changes in technologies and covers the latest skills needed by IT technicians. Additionally, CompTIA A+ is ISO 17024 accredited and must be reviewed and updated every three years to maintain accreditation. New subject areas include DDR3, Blue-ray, SATA, 802.11n, etc.

CompTIA A+ Essentials measures the necessary competencies of an entry-level IT professional.

CompTIA A+ Practical Application is an extension of the knowledge and skills identified in CompTIA A+ Essentials, with even more of a "hands-on" orientation focused on scenarios in which troubleshooting and tools must be applied to resolve problem.

Note This course can be delivered in an accelerated format for an advanced group that will require longer training days and additional study time and materials. (5-days) and /or available for Multi-Certifications, delivered in a Combo-Cert-Accelerated A+ / Network+ / Security+ in a 5 to 10 day format, upon request.

Students Will Learn

- CompTIA A+ Essentials (2009 Edition) exam is based on these objectives.
- Domain Percentage of Examination
- 1.0 Hardware 27
- 2.0 Troubleshooting, Repair & Maintenance 20
- 3.0 Operating System and Software 20
- 4.0 Networking 15
- 5.0 Security 8
- 6.0 Operational Procedure 10
- Total 100
- The CompTIA A+ Practical Application (2009 Edition) exam is based on these objectives.
- Domain Percentage of Examination
- 1.0 Hardware 38
- 2.0 Operating Systems 34
- 3.0 Networking 15
- 4.0 Security 13
- Total 100

Target Audience

Computer / Technical / Help Desk Support personnel. This course is designed for individuals interested in learning the subjects that are necessary to pass the A+ Certification exam(s).

Prerequisites

Students should have a basic understanding and basic experience of using a PC, Windows and browsing the Web. The following key skills are recommended

Use a keyboard and mouse

Recognize the main components of a PC (such as case, monitor, mouse, and keyboard) and different data media such as floppy disks or CD-ROMs

Start the computer and navigate the Desktop

Use Internet Explorer to view websites

Course Outline

This Hands-On course includes coverage of the two exams that are necessary to be certified. The examination blueprint includes domain weighting, test objectives, and example content. Example topics and concepts are included to clarify the test objectives.

The contents of the examination blueprint help prioritize topics and provide a guide of what to expect on the CompTIA A+ Essentials exam. The table below lists the domains measured by this examination and the extent to which they are represented. The BTS A+ Certification C course is based on the two required exams

CompTIA A+ Essentials (2009 Edition) exam is based on these objectives.

| Domain | Percentage of Examination |
|-------------------------------------------|---------------------------|
| 1.0 Hardware | 27% |
| 2.0 Troubleshooting, Repair & Maintenance | 20% |
| 3.0 Operating System and Software | 20% |

| | |
|---------------------------|------|
| 4.0 Networking | 15% |
| 5.0 Security | 8% |
| 6.0 Operational Procedure | 10% |
| Total | 100% |

The CompTIA A+ Practical Application (2009 Edition) exam is based on these objectives.

| Domain | Percentage of Examination |
|-----------------------|---------------------------|
| 1.0 Hardware | 38% |
| 2.0 Operating Systems | 34% |
| 3.0 Networking | 15% |
| 4.0 Security | 13% |
| Total | 100% |

Notes

The latest version of CompTIA A+ is CompTIA A+ 2009 Edition. Two exams are necessary to be certified CompTIA A+ Essentials, exam code 220-701 and CompTIA A+ Practical Application, exam code 220-702.

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Delivery Method

Instructor led with numerous "Hands-On demonstrations and exercises.

Equipment Requirements

(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

10 Days