

# CompTIA A+ bootcamp essentials and electives

A 5 day **Hands on** training course



## Description

This course includes A+ Certification: Systems Hardware and Networking Support Skills and A+ Certification: Operating Systems and Security Support Skills.

The course will provide IT "super users" or new support professionals with the fastest route to A+ Certification. Full practical sessions will prepare students for the two A+ Certification exams.

Note: Some self-study each evening will be required.



## Key outcomes

By the end of the course delegates will be able to:

- ✓ Install, configure, and troubleshoot peripheral devices, system components, print devices, wired and wireless LAN links and internet access devices.
- ✓ Install, configure, and troubleshoot the Microsoft Windows, Linux, and Mac OS PC operating systems plus iOS, Android, and Windows mobile devices.
- ✓ Perform basic PC maintenance.
- ✓ Configure access control measures.
- ✓ Perform basic PC maintenance.



## Training Approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



## Details

### Who will benefit?

Students wishing to take both CompTIA A+ exams.

### Prerequisites

PC Fundamentals.

**Duration:** 5 days

**Overall rating:**



### Generic Training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

*"Friendly environment with expert teaching that teaches the why before the how."*  
G.C. Fasthosts

### Small Class Sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

*"Excellent course. The small class size was a great benefit..."*  
M.B. IBM

### Hands On Training



The majority of our courses use hands on sessions to reinforce the theory.

*"Not many courses have practice added to it. Normally just the theoretical stuff is covered."*  
J.W. Vodafone

### Our Courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

*"Comprehensive materials that made the course easy to follow and will be used as a reference point."*  
V.B. Rockwell Collins

### Customise Your Course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

*"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."*  
S.R. Qinetiq

# CompTIA A+ bootcamp essentials and electives

## Course Content

### Peripherals and Adapters

- Motherboard Components
- Connection Interfaces
- Display Devices
- Audio and Multimedia Devices
- Removable Storage Devices

### System Components

- Mass Storage Devices
- System Memory
- Processors
- BIOS and UEFI
- Power Supplies

### Troubleshooting and Mobile Devices

- Troubleshooting System Components
- Laptops
- Mobile Devices
- Troubleshooting Mobile Devices

### Printer and Network Hardware

- Printers
- Configuring Printers
- Troubleshooting Printers
- Network Architectures
- Ethernet Networks

### Networks

- Wireless Networks
- Internet Connections
- Internet Protocol
- Routers and Firewalls
- Troubleshooting Networks

### Supporting Windows (1)

- Windows Operating System
- Administration Tools
- Managing Storage
- Managing Files
- Managing Applications

### Supporting Windows (2)

- Managing Devices
- Managing Performance
- Troubleshooting Windows
- Installing Windows

### Supporting Windows

- Troubleshooting Boot Problems
- Maintenance and Backup
- Threats and Vulnerabilities
- Viruses and Malware
- Securing Workstations
- Securing Data

### Supporting Windows Networks

- Configuring Network Connections
- Securing Network Connections
- Configuring Shared Resources
- Virtualization and Services

### Linux, OS X, and Mobile OS

- Linux Operating System
- OS X
- Mobile Operating Systems
- Mobile OS Security and Troubleshooting
- Safety and Environmental Procedures
- Professionalism and Communication

