

A+ Certification Prep Class

Corporate Training Course Syllabus

Course Description:

Comprehensive coverage of CompTIA's A+ Core Hardware and OS Technologies objectives prepare students for both A+ exams.

Textbook(s):

CompTIA A+ Complete Study Guide
Sybex
ISBN: 978-0-470-04830-6

Lesson Plan by Session

- Session 1: Overview of Course/Introduction
Basic PC Hardware Overview
(RAM, Drives, Boards, CPU etc.)
(this first class is lecture only)
- Session 2: Hardware continued
(CMOS/BIOS,IRQ, DMA, I/o, etc.)
(hands on)
- Session 3: Basic Operating Systems
(lecture and hands on)
- Session 4: Printers and Scanners
(lecture and hands on)
- Session 5: Networking Fundamentals
Understanding Network Security Fundamentals
(lecture and hands on)
- Session 6: Identifying Safety and Environmental Issues
Understanding Professionalism and Communication
(lecture and mid point test)
- Session 7: Working with Personal Computer Components
Working with Laptops and Portable Devices
(lecture and hands on)
- Session 8: Installing, Configuring, Optimizing, and Upgrading Operating Systems
- Session 9: Advanced Topics
- Session 10: Final Certification Prep (overview of test, final review, final test, lab test)

Student Resources

- Outdated but useful FREE practice questions
<http://www.proprofs.com/certification/comptia/a-plus/practice/index.shtml>
- CompTIA's website
<http://certification.comptia.org/a/glancebox.aspx>

- A+ related resources
<http://www.techiwarehouse.com/cms/articles.php?cat=1>
- Good Hardware sources
<http://europa.nvc.cs.vt.edu/~cegyhazy/cs4014/Chapt4.htm>
- Networks and PC Security
<http://pcsecurity.chuckeasttom.com>