HiiT Plc

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CompTIA A+

Course Curriculum

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Course Overview:

CompTIA A+ is the industry standard for establishing a career in IT. CompTIA A+ supports the ability to connect users to the data they need to do their jobs regardless of the devices being used. This certification is designed for Individual seeking a career as a help desk, support, service center or networking technician.

DAY	MODULE	OBJECTIVES	TOPICS	HOURS
Day 1	1. Basic Components of PC	Identifying, using, and connecting hardware components and devices	1. Definition of Central Processing Unit. 2. Types of Computer Processors 3. Definition/ Identification of computer Memory. 4. Types of computer memory. 5. How for Identy Faulty Component.	2.0
Day 2	2. Motherboard and its Associate Features / PC Ports and Connectors	Identifying the basics component that can be found on a Laptop/ Desktop motherboard	1. Definition of a Motherboard. 2. Identification of motherboard form factors. 3. DIMM VS SODIMM. 4. Expasion Buses. 5. BIOS Chip. 6. CMOS Chip 7. North Bridge vs South Bridge.	1.0
Day 2	3. Introduction to Operating System Technology	Install and support Windows OS including command line & client support. Windows 7, Windows 8,Windows 10, Windows 11 and Linux.	1. Operating system Installation. 2. Installation of Multiple OS on a Single PC 3. Configure, install and upgrade operating systems	3.0
Day 3	4.Operating System Technology / Hacking of System Passwords	Bypassing and removing of Windows Passwords from all types of Windows Operating System. 2(Troubleshooting of Operating System and Application Software)	1. Hacking / Bypassing of Windows password. 2. Operating system Installation. 3. Installation of Multiple OS on a Single PC.	2.0
Day 4	4.Operating System Technology / Hacking of System Passwords	Bypassing and removing of Windows Passwords from all types of Windows Operating System. 2(Troubleshooting of Operating System and Application Software)	1. Hacking / Bypassing of Windows password. 2. Operating system Installation. 3. Installation of Multiple OS on a Single PC.	2.0

DAY	MODULE	OBJECTIVES	TOPICS	HOURS
Day 5	5. PC Assembly	Building a desktop PC is aviable option for many people and may bring significant benefits, such as:• Learning about computer components and how they fit and work together;• Understanding the internal and hardware workings of a computer	1. Assembling of computer system (Laptop & Desktop). 2. Assemble and disassemble computing hardware.	2.0
Day 6	6. PC Maintenance / PC Upgrading	keeping your computers and laptops in good condition through regular cleanings, hard drive updates, and virus prevention. And adding new hardware or updating software to increase the functionality of a system.	1. PC Maintenance / PC Upgrading	2.0
Day 7	7. Introduction to Neworking	Explain types of networks and connections including information sharing, public policy engagement and understanding	1. Introduction to Computer Network 2. Types of Computer Network 3. Standalone vs Server Computer 4. Internet vs Intranet	2.0
Day 7	8. Introduction to Trouble-shooting	Identify common symptoms and problems associated with computer malfunctions. Isolate the source of problem through basic troubleshooting techniques. Identify care and service techniques and common problems with laptops and desktop computer.	1. Computer Troubleshooting (Laptop & Desktop) 2. Software Troubleshooting. 3. Hardware Troubleshooting. 4. Set up and troubleshoot peripheral devices 5. Troubleshoot and support end-user access to applications and data	2.0
Day 8	9. PC Problems and Solution	How to locate the cause of a fault in a computer system and correct the relevant hardware and software issues. Approaching problem solving using a logical and methodical approach which essential to successful resolution.	1. Diagnosing and Fixing computer problem. 2. Computer Troubleshooting (Laptop & Desktop) 3. Software Troubleshooting. 4. Hardware Troubleshooting.	2.0
			END OF COURSE EXAMS	
			TOTAL	**20**