



Skillsfuture@PA PC Preparation in 9 Hours + Hands-on

Who should attend?

This course is specially designed as a follow up course after the "PC-DIY in 9 hours + Hands-on" course.

Why should they attend?

- Learn how to prepare a raw hard disk for software installation.
- Operation System Installation procedure.
- Easy Software Set up with guidance from experience trainer.
- Practical Hands on
- Learn Windows Basic Maintenance, Backup and Recovery.

Trainer 's Profile:

- Has been in the IT Industry for more than 5 years.
- Experience in Hardware assembling, trouble-shooting and repairs.
- Microsoft Certified System Engineer (MCSE) and
- RedHat Certified Engineer (RHCE)

Course Outline

1. Fundamental of Hard Disk

- History
- Type of HDD
- How it works
- Internal Parts Introduction

2. Preparation of a New Hard Disk

- HDD Partitioning & it's purpose
- Type of Partitions (FAT16, FAT32, NTFS etc)
 - Why is there a need?
 - How to go about doing it.
 - What is Primary DOS Partition, Extended Partition, Logical Drives?
- Partitioning Steps
- Formatting (Low-level, High-level)
 - Why do you format?
 - How to do it
- What is File System?
 - Purpose
 - Different Type and their Pros & Cons
- Understand Master Boot Record, File Allocation Table, Cluster Size etc

3. PC Boot Process

- What is booting?
- How it occur?
- Why is it require?
- What happen during booting
- BIOS Setup
- Secondary Boot Loader

4. Installing Operating System (OS)

- Learn about different type of OS
- System requirement of the OS
- Creating a Bootable CD
- How to Partition and Format
- Installation Procedure
- Updating OS

5. Monitoring and Maintenance using tools as

- Event Viewer
- Task Manager
- Device Manager
- Services
- Disk Cleanup
- Disk Defragmenter

6. Microsoft Windows Backup & Recovery tools such as

- System Image
- Creating Repair Disc
- System Restore
- Using Windows Advance Options

7. Practical Labs