Hardware and Networking Course - 60 Days

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| Day | Module | Topics Covered |
| 1-2 | Introduction to Computers | Basics of Computer Hardware, Software, Operating Systems |
| 3-5 | Hardware Components | CPU, RAM, Motherboard, Storage Devices (HDD, SSD), Power Supply |
| 6-8 | Assembling a PC | Components Selection, PC Assembly, Boot Process |
| 9-10 | BIOS & UEFI | BIOS Functions, Settings, Firmware Updates |
| 11-13 | Storage Devices & Management | HDD vs SSD, Partitioning, Formatting, Disk Management |
| 14-15 | Peripherals & I/O Devices | Printers, Scanners, Monitors, Keyboards, External Drives |
| 16-18 | Operating System Installation | Installing Windows & Linux, Dual Boot, Troubleshooting OS Issues |
| 19-20 | Device Drivers & Software | Installing Drivers, System Utilities, Updates |
| 21-23 | Networking Basics | LAN, WAN, MAN, Internet, Network Topologies |
| 24-26 | Networking Devices | Switches, Routers, Modems, Network Interface Cards |
| 27-28 | IP Addressing & Subnetting | IPv4, IPv6, Subnetting Concepts, CIDR |
| 29-30 | Cabling & Connectors | Ethernet Cables (Cat5, Cat6), Fiber Optic, Connectors (RJ45, Coaxial) |
| 31-33 | Configuring a Network | DHCP, DNS, Static & Dynamic IP Configuration |
| 34-35 | Network Security Basics | Firewalls, Antivirus, VPNs, Encryption |
| 36-38 | Wireless Networking (Wi-Fi) | SSID, WPA2, Configuring Routers, Troubleshooting Wi- Fi Issues |
| 39-40 | Remote Access & Virtualization | RDP, VPN, Virtual Machines (VMware, VirtualBox) |
| 41-43 | Network Troubleshooting | Ping, Traceroute, Netstat, Wireshark |
| 44-46 | Introduction to Servers | Types of Servers, Configuring Windows & Linux Servers |
| 47-48 | Cloud Computing Basics | AWS, Azure, Google Cloud, Virtualization |
| 49-50 | Backup & Disaster Recovery | Data Backup Strategies, RAID, Cloud Backup Solutions |
| 51-53 | Advanced Network Security | Ethical Hacking Basics, Intrusion Detection, Security Audits |
| 54-56 | Practical Lab & Real-World Projects | Hands-on Network Setup, Troubleshooting Scenarios |
| 57-58 | Industry Certifications Overview | CompTIA A+, Network+, CCNA, Microsoft Certifications |
| 59 | Final Review & Assessment | Q&A, Hands-on Assignments |
| 60 | Certification & Conclusion | Final Test, Course Completion Certificates |