

<b><u>COMPUTER HARDWARE NEW SYLLABUS 2017</u></b>		
<b>WEEK 1</b>		<b>TechTips/ Practical</b>
1	1.Computer Hardware Introductions <ul style="list-style-type: none"> <li>➤ Who is Father of Computer?</li> <li>➤ Block Diagram of Computer</li> <li>➤ Characteristic of Computer</li> </ul> 2.Computer Hardware Required Tools <ul style="list-style-type: none"> <li>➤ Computer tools</li> <li>➤ Computer Accessories</li> <li>➤ Testing Tools</li> </ul> 3.Input & output Devices <ul style="list-style-type: none"> <li>➤ Printer</li> <li>➤ Mouse</li> <li>➤ Keyboard</li> <li>➤ Monitor</li> <li>➤ Web cam</li> <li>➤ Scanner</li> <li>➤ Graphics tablet</li> <li>➤ Joy pad</li> <li>➤ Speakers</li> </ul> 4.Over viewing of Computer <ul style="list-style-type: none"> <li>➤ Computer Motherboard Components identification</li> <li>➤ Internal Devices</li> <li>➤ External Devices</li> <li>➤ Front Panels</li> <li>➤ Rear Panel</li> </ul>	<b>TechTips/ Practical</b>
<b>WEEK 2</b>		
2	5.Motherboard <ul style="list-style-type: none"> <li>➤ What is Motherboard?</li> <li>➤ Types of Motherboard</li> <li>➤ Intel chipset Motherboards Models?</li> <li>➤ Motherboard Manufacturing Companies</li> <li>➤ Motherboard section Identification</li> </ul> 6.Processor <ul style="list-style-type: none"> <li>➤ What is processor?</li> <li>➤ Processor working function</li> <li>➤ List of INTEL Microprocessor</li> <li>➤ Types of Processor</li> <li>➤ Processor Manufacture Companies</li> </ul> 7. RAM <ul style="list-style-type: none"> <li>➤ What is Ram?</li> <li>➤ What is the Function of the Ram in a computer?</li> <li>➤ Types of Ram</li> <li>➤ SDRAM</li> <li>➤ DDR1</li> <li>➤ DDR2</li> </ul>	<b>TechTips/ Practical</b>

	<p>DDR3 DDR4</p> <ul style="list-style-type: none"> <li>➤ Ram capacity &amp; Bus Speed</li> <li>➤ Ram Maximum Compatibility</li> </ul> <p>8.Hard disk</p> <ul style="list-style-type: none"> <li>➤ What is the Hard disk?</li> <li>➤ What is the Function of the Hard disk in a computer?</li> <li>➤ Hard disk capacity</li> <li>➤ Compatibility of Hard disk</li> <li>➤ Types of the Hard disk</li> <li>➤ Internal view of Hard disk</li> <li>➤ IDE Jumper settings</li> <li>➤ How to connect Hard disk (IDE&amp; SATA)</li> </ul> <p>9.SMPS</p> <ul style="list-style-type: none"> <li>➤ What is SMPS?</li> <li>➤ SMPS Working Function</li> <li>➤ SMPS Pin Details</li> <li>➤ How to Check SMPS?</li> </ul>	
<b>WEEK 3</b>		
3	<p>10.Assembling and Disassembling Practical</p> <p>11.BIOS &amp; CMOS</p> <ul style="list-style-type: none"> <li>➤ What is the Bios &amp; Cmos?</li> <li>➤ What is the Main function of the CMOS?</li> <li>➤ What is the purpose of Cmos in computer systems?</li> <li>➤ Bios setup Configuration</li> <li>➤ Bios Jumper Settings Configure</li> </ul> <p>12.Operating systems Installation</p> <ul style="list-style-type: none"> <li>➤ Windows XP</li> <li>➤ Windows 07</li> <li>➤ Windows 08</li> <li>➤ Windows 10</li> </ul> <p>13.Driver Installation</p> <ul style="list-style-type: none"> <li>➤ VGA Driver</li> <li>➤ Audio Driver</li> <li>➤ LAN Driver</li> <li>➤ Chipset Driver</li> </ul> <p>14.After Os &amp; Antivirus Installation</p> <ul style="list-style-type: none"> <li>➤ WinZip</li> <li>➤ Winrar</li> <li>➤ MS Office 7 &amp; 10</li> <li>➤ Adobe Reader</li> <li>➤ VLC Player</li> <li>➤ Mozilla Firefox</li> <li>➤ Google Chrome. Etc.,</li> <li>➤ Kaspersky</li> <li>➤ Avast</li> <li>➤ Avira</li> <li>➤ AVG</li> <li>➤ Internet Security. Etc.,</li> </ul>	<b>Practical</b>

	15.Windows Repair Installation Method <ul style="list-style-type: none"> <li>➤ Windows XP</li> <li>➤ Windows 07</li> <li>➤ Windows 08</li> <li>➤ Windows 10</li> </ul>	
<b>WEEK 4</b>		
4	16.Troubleshooting <ul style="list-style-type: none"> <li>➤ How to Hide Your Local Drive in Windows XP, 07, 08, 10</li> <li>➤ How to Hide Files and Folder in Windows XP, 07, 08, 10</li> </ul> 17.Computer Basic Troubleshooting 18.Disk Partition Error 19.Password Cracking 20.Software Troubleshooting & Error 21.Bios Password Set & reset	<b>Practical</b>