Reviewers | Computer Systems Servicing NC II

Computer Systems Servicing NC II

Computer Systems Servicing (CSS) National Certificate II is the updated version of what is then called Computer Hardware Servicing (CHS) National Certificate II qualification by TESDA. During the late CHS, the qualification was said to be of the NC II level, meaning that in a ranking basis, it is the baseline level. Now with the K to 12 program it is now incorporated in Technical Vocational Livelihood TVL Strand: Information and Communications Technology (ICT). It is designed to develop and enhance the knowledge, skills, and attitudes of a Computer Systems Service Technician, in accordance with industry standards.

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Other skill based competencies have the NC II, NC III and NC IV levels. But Computer Systems Servicing (CSS) was given only a NC II level, well, for a fact, it was not that difficult to pass, but still, many students and/or even professionals fail to pass the assessment.

So what's the differences between CHS & CSS NC II?

The old Computer Hardware Servicing (CHS) competency covered just two (2) modules and the trainee are only expected to perform a couple of tasks to pass the actual examination. The examination includes a question and answer portion and an actual hands-on configurations. Same goes for the Computer Systems Servicing (CSS) exam, But it has now four (4) competency to accomplished during the assessment.

To cope up with the ever changing trend of technology advancement in computer hardware and network, Computer Systems Servicing (CSS) was introduced, and like what I said above instead of having just two (2) modules, this new competency has four (4). This seems to be a great move to ensure that we are not left behind on what is the new global standard in technology. And I hope they can upgrade it to NC III or NC IV level in the near future.

COC 1: Install and Configure Computer Systems

This competency expects that you can do the ff: (2 Hours)

* Disassemble/ Assemble Desktop Computer
* Prepare Installer (Creating Portable Bootable Device)
* Configure BIOS
* Install Windows Server 2008 R2 and Windows 7
* Install Microsoft Office and Antivirus

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COC 2: Setup Computer Networks

This competency expects that you can do the ff: (2 1/2 Hours)

* Creating Network Cables
* Network Configuration
* Set router/ Wi-Fi/ wireless access point/ repeater configuration
* Inspect and test configured computer network

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COC 3: Setup Computer Servers

This competency expects that you can do the ff: (1 1/2 Hours)

* DHCP Server
* DNS Server
* File Services (Secured and Unsecured File)
* Folder Redirection
* Remote Desktop
* Printer Management

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COC 4: Maintain Computer Systems

This competency expects that you can do the ff: (1 Hour)

- Creating System Restore Point
- Creating System Backup Image
- Using the created Restore Point to restore the system
- Using the created Backup Image
- Disk Defragmentation
- Disk Cleanup
- Scanning for viruses (anti-virus)
- Oral Questioning

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Note: For personal practice, all these can be accomplished on Virtual Lab or Virtual Machine.

Tools, Materials, Equipment

PC Disassemble/Assemble

- Screw Drivers (Standard, Philip)
- Pliers (Mechanical, Longnose) – *optional*
- Anti-static Wrist Strap – *optional*
- Anti-static Mat – *optional*

For OS Installation:

- Windows Server 2008 Installer
- Windows 7 Installer (you'll only install Windows Server 2008 R2)
- Device Drivers

For Networking:

- Impact Punch Down Tool
- Crimping Tool
- RJ-45
- UTP Cable
- Patch Panel
- Network Switch
- Router with WI-FI