Lab 5.1.1 - Installing PC Components
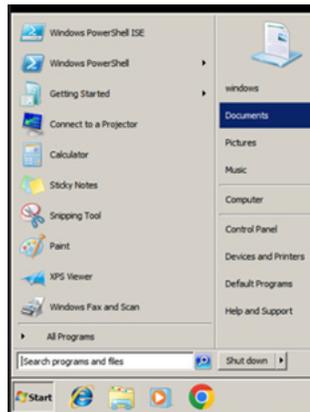
Objective: Apply proper procedures to install key hardware components on a Desktop computer.

Instructions:

- Go to CYBER.ORG Range (https://apps.cyber.org)

- Click on the Range tab, then click on Launch Windows 7.

- Once the status changes to booted, click open.

1. Click Start I Documents

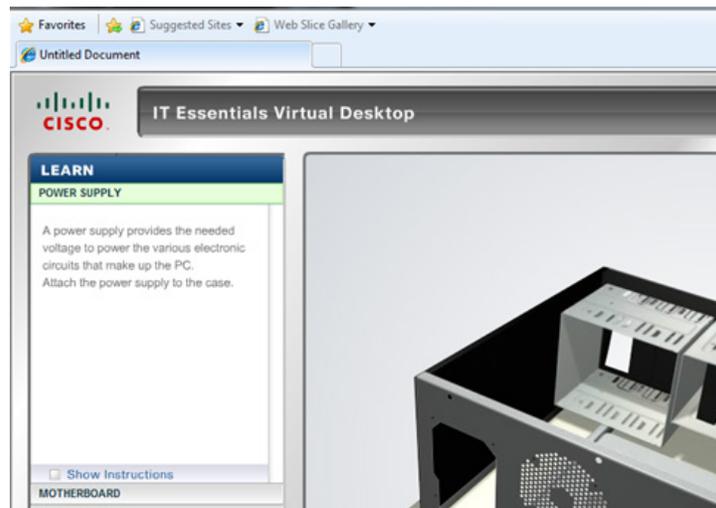2. Double-click the **Virtual Desktop f**older to open

3. Double-click on the Index.html file.

4. Internet Explorer will open with a blue Welcome message at the top. Click on that message to close it.

5. The Virtual Desktop main page will appear. In the upper right-hand corner, select *SKIP*

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6. The LEARN interface will come up. In the menu bar, click Power Supply, then click on the Show Instructions button at the section bottom. Note that you can toggle between show instructions to see the installation steps or Hide Instructions to see the component information.

7. In the right side pane, drag the power supply from the bottom bar to the main image. Click the direction arrows to rotate the power supply into position, then click the down arrow to install. Then drag the Power Supply Screws to the image to complete installation of the power supply.

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8. Now click on the Motherboard section and follow instructions to install the memory (RAM1 and RAM2), CPU, Thermal compound and heat sink. Note that for some components there will be yellow visual prompts to assist the installation.

9. Now skip to the External Cables section to install the case panels/screws and the monitor, keyboard, mouse, usb and external antenna.

That completes the required installation of components for this lab. If desired, you may return to the missed sections to explore how to fully install all components for a desktop computer.

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