Lab Assignments for Windows 7    Name____________________________

The below labs are posted on-line at: 
http://facweb.northseattle.edu/tfiegenb/EET132/Windows%207%20Labs/?M=A
You may print them at your expense (not on classroom printer), or perform them as you read them on-line. The following pages document the questions for the required labs, you may write in the answers, and avoid printing more than 100 pages of PDFs. Only complete the labs below that are in large Bold text.

<table>
<thead>
<tr>
<th>Lab- Instructor or lab assistant will initial after this assignment is turned in</th>
<th>Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.4.5 Optional Lab: Create Accounts and Check For Updates in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.5.1 Optional Lab: Run Commands in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.4.8 Optional Lab: Managing System Files with Built-in Utilities in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.5.3 Optional Lab: Managing Administrative Settings and Snap ins in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.5.4 Optional Lab: Install Third-Party Software in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.6.2 Optional Lab: Restore Points in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>5.7.2 Optional Lab: Managing Device Drivers with Device Manager in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>8.9.2 Optional Lab: Configure an Ethernet NIC to Use DHCP in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>12.2.3 Optional Lab: Create a Partition in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>Use your assigned lab machine for this lab (DO NOT use classroom computer)</td>
<td>Int</td>
</tr>
<tr>
<td>12.2.4 Optional Lab: Customize Settings in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>12.4.1 Optional Lab: Schedule Task Using GUI and “at” Command in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>12.4.2 Optional Lab: Restore Points in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>15.4.2 Optional Lab: Configure Browser Settings in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>15.4.2 Optional Lab: Share a Folder, Share a Printer, and Set Share Permissions in Windows 7</td>
<td>Int</td>
</tr>
<tr>
<td>16.3.2 Optional Lab: Configure Windows 7 Firewall</td>
<td>Int</td>
</tr>
<tr>
<td>16.4.3 Optional Lab: Data Backup and Recovery in Windows 7</td>
<td>Int</td>
</tr>
</tbody>
</table>

Windows 7 labs from online PDFs (Only the questions from the above labs are contained in this document). Perform the labs from the PDFs above and write the answers to the questions below.

5.4.5 Optional Lab: Create Accounts and Check For Updates in Windows 7

What are the steps to enable automatic updates in Windows 7?

5.5.1 Optional Lab: Run Commands in Windows 7

Step 4
1. Why should disk cleanup be performed regularly?

5.4.8 Optional Lab: Managing System Files with Built-in Utilities in Windows 7

Step 1

What is the drive path shown?
What is the command to change directory?
What is the command to display the contents in a directory?
What is the drive path shown? (page 2)
Which switch displays a wide list format?
What is the volume name for drive C?

Step 2

Under the System Summary heading locate and list the following:
Processor
BIOS Version/Date
Total Physical Memory
Under the Hardware Resources heading locate and list the following:
DMA channels and the device using the resources.
I/O address range for these devices.
Printer Port (LPT1) ________________________
Communications Port (COM1) ________________________
Communications Port (COM2) ________________________
IRQ address for these devices.
System timer ________________________
Communications Port (COM1) ________________________
Communications Port (COM2) ________________________

Step 3

Click the General tab if it is not already active.
What are the startup options?

Click the Boot tab. This tab is for modifying boot options.
Click the **Services** tab. This tab lists the computers services and there status.

Can you enable and disable services at the services tab? **Yes / No**

What can you do in the tools tab?

Step 4

Make sure the System tab is active.

What does this tool report?

Click **Next Page** until you are at the Display 1 tab.

What information is listed on this page?

What information is listed on the sound page?

What information is listed on the input page?

Step 6

In which folder is the Background located?

What is the data value of the Background (hint – it has three numbers that correspond to red, green, and blue)? Answers may vary based on the shade of blue selected in Choose your desktop background.

Step 7

What is the data value of the Background? Answers may vary based on the shade of blue selected in Display Properties.

Step 8

What is the data value of the Background? Answers may vary based on the shade of red selected in Display Properties.

Step 9
What is the color of the desktop?

Restart the computer.
What is the color of the desktop?

5.5.3 Optional Lab: Managing Administrative Settings and Snap-ins in Windows 7

Step 9

1. What changes appear in the right pane, after starting the Routing and Remote Access service?

Step 11

2. What changes appear in the right pane, after stopping the Routing and Remote Access service?

Step 12

3. Which Counter is being recorded the most in the graph (hint: look at the graph color and Counter color)?

4. List the values of the counter.

Step 13

5. What is the Status and Startup Type for Routing and Remote Access?

Step 26
List Snap-Ins in your consol

5.5.4 Optional Lab: Install Third-Party Software in Windows 7

Step 3

1. Why does Microsoft recommend using Uninstall or change a program to remove an installed application?
5.6.2 Optional Lab: Restore Points in Windows 7

Step 16
Navigate to the “Documents” folder.
Open the "Restore Point Test file.txt" file.
Are the contents the same?

5.7.2 Optional Lab: Managing Device Drivers with Device Manager in Windows 7

Step 9
Which tabs are available?
Are there any extra tabs?
What is the purpose of the extra tabs?

8.9.2 Optional Lab: Configure an Ethernet NIC to Use DHCP in Windows 7

Step 2
What is the name and model number of the NIC in the “Connect using:” field?
What are the items listed in the “This connection uses the following items:” field?

Step 3
What is the IP address, Subnet mask, and Default gateway, if any, listed in the fields of the “Use the following IP address:” area?

Step 4
What is the IP address and subnet mask of the “Ethernet adapter Local Area Connection”?
What is the IP address of the DHCP Server?
On what date was the Lease Obtained?

On what date does the Lease Expire?

Step 6

List each of the Windows telnet supported commands and descriptions.

What message is displayed on the telnet server to indicate you are connected?
What directory are you connected to?

Chapter 12.2.3 Optional Lab: Create a Partition in Windows 7

Step 5

What is the File System?

How much Free Space is shown?

Step 6

What is the File system of the J: drive?

Step 8

List the tabs found in the Test Properties window?

Step 11

What is the File System of the J: drive?

Step 13

What are the tabs in the NEW VOLUME (J:) Properties window?

When the volume was FAT32, there were six tabs. What are the names of the new tabs that were added after the volume was converted to NTFS?

Step 14

What are the tabs in the Test Properties window?

When the volume was FAT32, there were three tabs. What is the name of the new tab that was added after the volume was converted to NTFS?
Chapter 12.2.4 Optional Lab: Customize Settings in Windows 7

Part 1 Managing Virtual Memory, Startup Options, and Windows Update in Windows 7

Step 5
What is the current size of the Virtual Memory (paging file)?
What Drive or [Volume Label] contains the paging file?

Step 6
What Drive or [Volume Label] contains the paging file?

Step 9
What happens when you log in?

Step 11
What happens when you log in?

Part 2: Windows 7 Hard Drive Maintenance

Step 1
How many stages were processed?
What stages were processed?
Why will Check Disk not start?
What stages were processed?
What is being verified in each of the stages?
Were any problems found with the volume?
If so what are they?

Step 2
Which stages are shown as completed?

Step 3
What is the first process during defragmenting (See “Progress” column)?

What are the three tasks performed for each Pass (See “Progress” column)?

How many passes did it take to defragment drive C:? 

Part 3: Managing Processes, and Regional and Language Settings in Windows 7

Step 1

What effect does this have on the columns?

What affect does this have on the columns?

Step 2

What is the default priority for the browser?

Step 3

Which image name has a base priority of N/A?

List the image name that has a base priority of Above Normal?

Step 4

Is Firefox listed as a process?

Step 5

What regional format is being used?

What are the tabs that can be customized?

Step 6

What is the Default input language?

Part 4: Managing Windows 7 System Performance

Step 1

Can Windows Defender check for updates?

What is the Status of the service?

What must be done so Windows Defender can run?
Can Windows Defender check for updates?

Step 4
What is the full path name to the example file name?

Step 6
What change do you notice for the Memory Logs icon?

Step 7
What does the column farthest to the right show?

Part 5: Managing Windows 7 Remote Access

Step 1
Which user already has remote access?

Step 2
What happened to the desktop on Computer1?

Step 5
Which methods can you use to contact someone for assistance?
What type of extension does the file have?
Which features are disabled with a Medium bandwidth usage?

Step 11
Dose the optical drive have a black arrow?

12.4.1 Optional Lab: Schedule Task Using GUI and “at” Command in Windows 7

Step 5
Which command would you enter to get the backup to run every Tuesday and Wednesday at 3:00 PM?

12.4.2 Optional Lab: Restore Points in Windows 7

Step 5
What “Type” is the restore point created by you?

**Step 15**

Is the IIS Manager application listed?

**Step 16**

Are the contents the same?

15.4.2 Optional Lab: Configure Browser Settings in Windows 7

**Step 1**

Which browser was used to open the web page?

**Step 2**

Which browser was used to open the web page this time?

Which version of Internet Explorer is installed on your computer?

**Step 3**

How many temporary internet files were listed?

How many temporary Internet files were listed?

**Step 4**

How many sites are listed in the drop-down box?

How many sites are now found in the drop-down box?

**Step 5**

15.4.2 Optional Lab: Share a Folder, Share a Printer, and Set Share Permissions in Windows 7

**Step 5**
What are the default permissions?

16.3.2 Optional Lab: Configure Windows 7 Firewall

Step 1

Can you see the shard folder Cisco?

Step 2

In the space below, state the benefits of the Windows Firewall

Step 5

Can you connect to computer 1?

Step 6

In the space below, list the short name of four services that are available

Step 7

In the space below, list the Specific ICMP types.

16.4.3 Optional Lab: Data Backup and Recovery in Windows 7

Step 4

Which libraries can be backed up?

Windows Backup will not backup which items?

Step 5

Which files will be backed up?

Step 6
When will the next backup take place?

What is the state of the schedule, on or off?

**Step 12**

Are the two files restored to the Desktop?

**Step 17**

What text is in the file?