

# Installing Your Personal PC to the Northwest Network Using Windows Millennium

## Installing Your Personally-owned Computer on the Northwest Network

Note: Information Systems will configure your personal PC to work properly on the Northwest network for a \$25.00 charge, which will be automatically billed to your University account. If you are interested in having Information Systems configure your personal PC, contact the Help Desk at 660-562-1634.

### Necessary Hardware:

Students must have a 10BaseT Ethernet card installed into their personal computer. Northwest uses the Client for Microsoft networks and TCP/IP for the networking protocol. They will also need to have a Windows Millennium CD, a mini 10BaseT Ethernet repeater hub and 2 10BaseT Ethernet cables (available from the **Bearcat Bookstore** in the Student Union). All computers must have current anti-virus software installed when connected to the Northwest network.

Note: Files should be on your Windows Millennium CD-ROM or on the System Recovery CD.

If your computer is connected to a network, network policy settings may prevent you from completing this procedure. By joining the Northwest domain you will have seamless access to networked printers and files shares. However, if you choose not to join the domain and remain a part of another Workgroup, you will NOT have easy access to campus network services. All computers on the Northwest network are required to have current anti-virus software installed and activated on the computer.

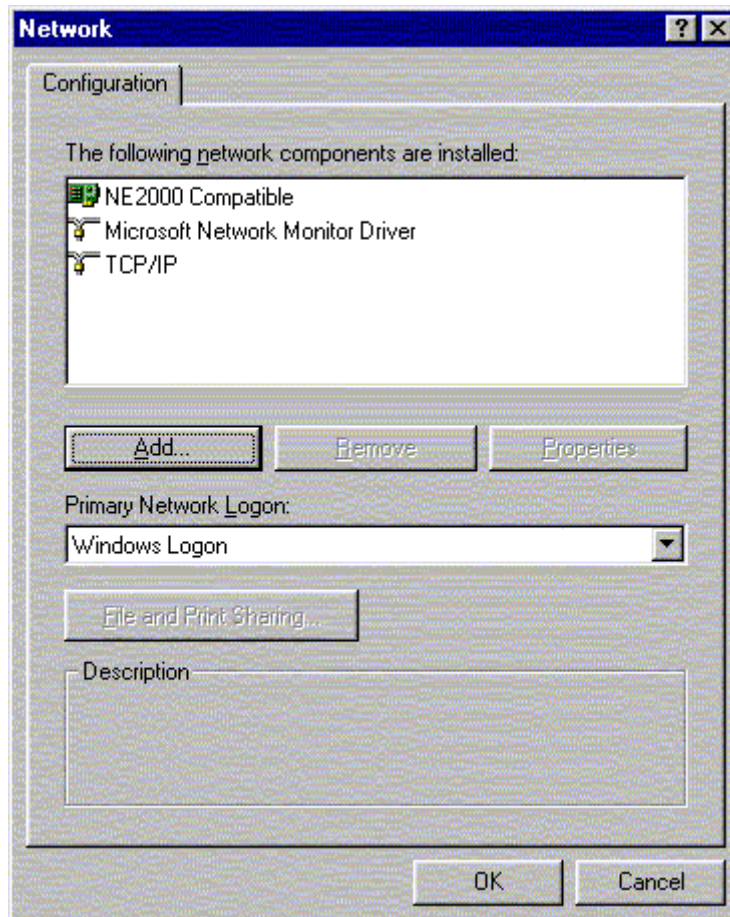
Note of Warning: By logging onto the campus NT network your computer will have the same *ACCESS RESTRICTIONS* placed on it as the University provided computers. Several control panels will be restricted, examples network and system control panel. If you do not log on to the NT network you will not be able to access printing and storage resources from that computer. If you need assistance, contact the HelpDesk, extension 1634.

## Setting Parameters of Client for Microsoft Networks

Note: TCP/IP may already be installed, but you will still need to Configure settings for other parameters. Also, depending on what operating system you have, some options may not be listed and some windows appear differently.

1. To set parameters for connecting to the Northwest network, click on **Start**, select **Settings**, then click on **Control Panel** and then double-click on **Network** to get to **Configuration**. If you do not see the above make sure to click on the **View All Control Panel Options** so that you will be in the appropriate view.

Note: You can also right click on My Network Places and then click on Properties to set parameters.



2. Under **Configuration** if **TCP/IP** does not already exist within the "Following components are already installed" window, click **Add**, click **Protocol** and select **Microsoft** on the left and **TCP/IP** on the right. Then click **OK**. If you have more

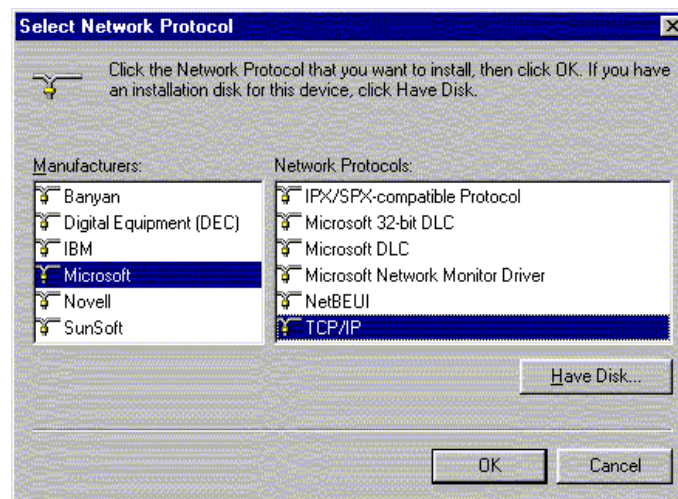
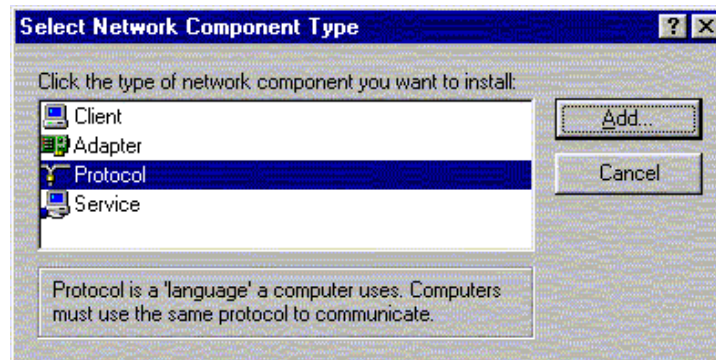
than one **TCP/IP** component, please make sure they each appear within “The following network components are installed:” window. Once a component appears in the **Configuration** window, select it.

Note: This will make the component appear highlighted in the window and also make the Properties window active.

3. Click the **Properties** button and make sure that under the **IP Address** tab that the **Obtain an IP address automatically** option is selected.
4. Make sure that under the **DNS Configuration** tab that the **Disable DNS** option is selected.
5. Make sure that under the **WINS Configuration** tab that the **Use DHCP for WINS Resolution** is selected.

Note: A dot should be in the radio button if the option has been selected.

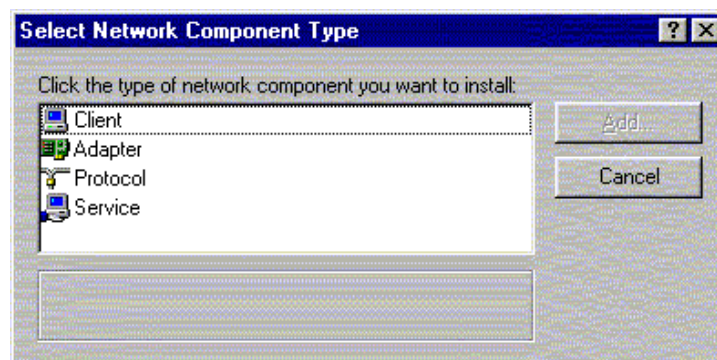
6. Make sure that under the **Advanced** tab that the **Value** is set to **NO** for the **Property Allow binding to ATM**.
7. Make sure under the **NetBIOS** tab that **NetBIOS** is **NOT** selected or is **DISABLED**.

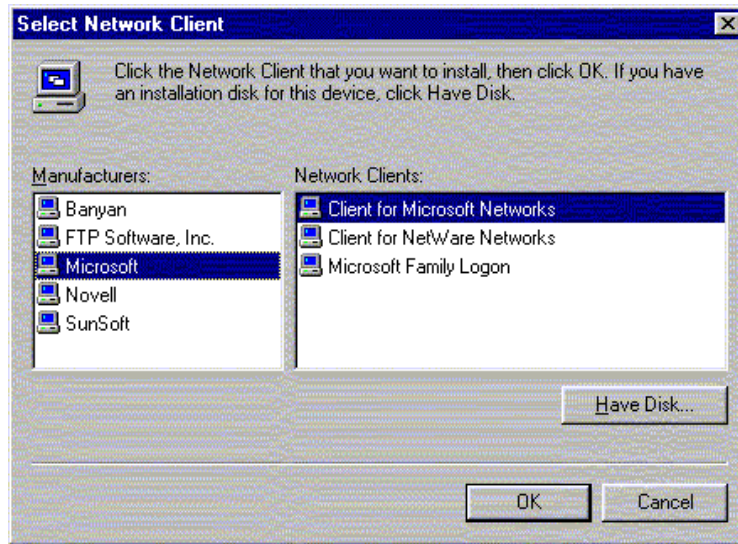


Note: Remove IPX and/or NetBEUI if it is already installed. IPX and NetBEUI are not supported on this campus and will cause problems with your computer if installed.

Note: It is also important to double click on file and print sharing and set browsermaster to disable. Browsermaster will cause problems on the network.

8. Once back at the **Configuration** window, click **Add**, click **Client** and select **Microsoft** on the left and **Client** for **Microsoft Networks** on the right. Then click **OK**.
9. Select **Client for Microsoft Networks** once it appears in the **Configuration** window. The **Properties** button will then be active.
10. Make sure under the **General** tab that **Log onto Windows NT domain** is **NOT CHECK-MARKED** and skip to step 12. **NOTE:** For seamless access to network resources you can join the domain by placing a checkmark in the box and doing step 11.
11. Make sure **nwmsu** appears in the **Windows NT domain** window.
12. Make sure **Quick logon** is selected under **Network logon options**.



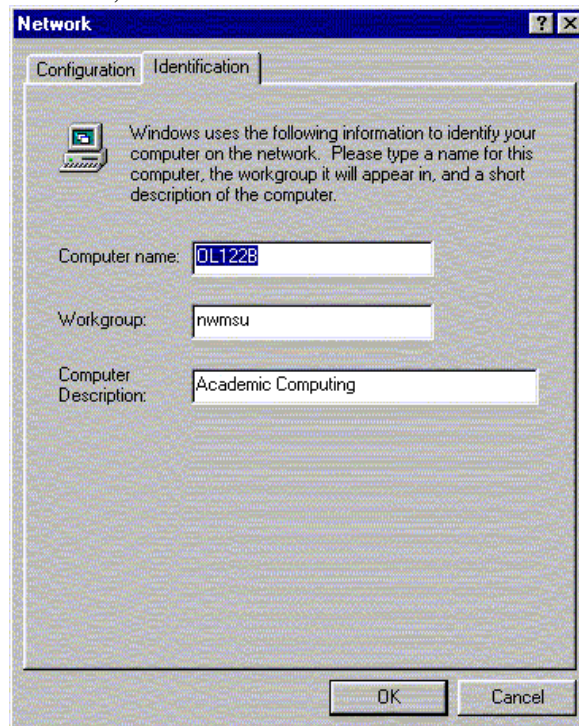


## Identification of Computer on Network

1. Once back at the **Configuration** window, click on the **Identification** tab.
2. Type in your computer name using the following naming convention:
  - ◆ For computer name use the two letter building code and the room number followed by a letter to distinguish the computer in the room.
  - ◆ Example: RO526B for the first non-university owned computer in the room.  
RO526C for the second non-university owned computer in the room.

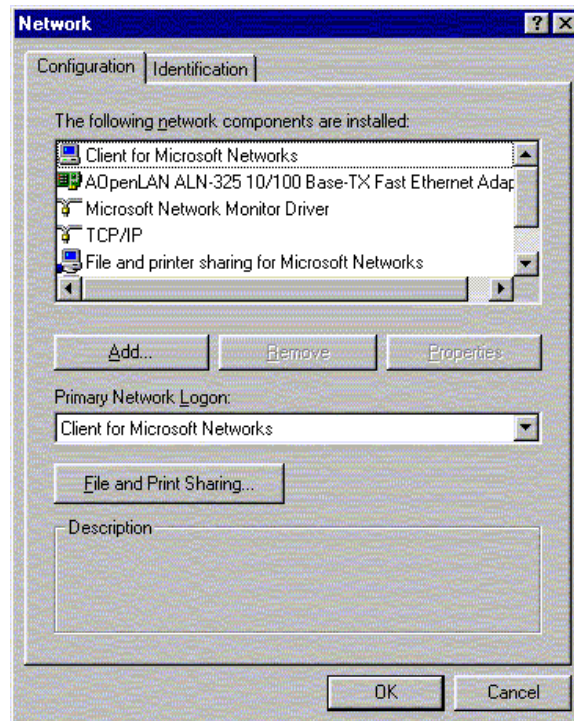
Note: See the "Naming of Computers" section under Northwest Electronic Campus Network Policies for Building Code Table and further information regarding computer identification of the On-Line or printed User's Guide. Also see the last page of this document for the Building Code Table.

3. Then enter **nwmsu** in the **Workgroup** textbox. Then click **OK**.
  - ◆ Computer Description maybe left blank or at the default.
  - ◆ If a window appears giving you the option **Restart** your computer before the settings can take effect, click **No** at this time.

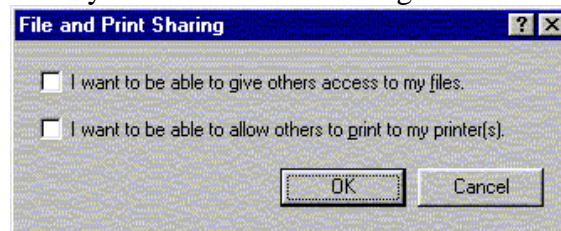


## To set up File and Print Sharing

To set up File and Print Sharing, click on **Start**, select **Settings**, then click on **Control Panel** and then double-click on **Network**. If you do not see the above make sure to click on the **View All Control Panel Options**.



1. In **Configuration**, click on the **File and Print Sharing** button.
2. Check the box that say's "I want to be able to give others access to my files."



3. Select **File and printer sharing for Microsoft Networks** beneath **The following components are installed:**. The text will then appear highlighted.
  - By clicking and thus, highlighting the above text, this will allow the **Properties** button to become active for the **Advanced** settings of file and printer sharing.
4. Click the **Properties** button.
5. You should now have a window with a tab stating **Advanced**. Select **Browse Master** beneath the **Property** option.

6. By use of the arrow next to the Value Option and then select **Disabled** beneath **Value** option.

Note: If you DO NOT disable Browse Master this will cause problems with the Network and could result in your port being disabled by the system administrator.

7. Then click **OK**. Then exit and restart computer.

## Setting Bindings

To set up **Bindings**, do the following:

1. Click on **Start** and select **Settings**.
2. Click **on Control Panel** and then double-click on **Network**.
3. Under **Configuration** select the **TCP/IP** component, please make sure they each appear within “The following network components are installed:” window. Once a component appears in the **Configuration** window, select it.

Note: This will make the component appear highlighted in the window and also make the Properties window active.

4. Click the **Properties** button.

Make sure that under the **Bindings** tab that **Client for Microsoft Networks** and **File and printer sharing for Microsoft Networking** are both *CHECK-MARKED* if they are not already check-marked.

5. Then click **OK**. Then exit and restart your computer.

**Building Code Table** (Not listed in alphabetical order)

<b>Building Code Table</b>	
<b>Building</b>	<b>Code</b>
<b>Cooper (North Complex &amp; Academy)</b>	CR
<b>Alumni House (West &amp; East)</b>	ALMA & ALMB
<b>Dieterich</b>	DI
<b>Douglas</b>	DO
<b>Franken</b>	FR
<b>Hudson (Center, North, South and Front)</b>	HUC, HUN, HUS, HUF
<b>Millikan</b>	MI
<b>Perrin</b>	PE
<b>Phillips</b>	PH
<b>Roberta</b>	RO
<b>South Complex</b>	SO
<b>Administration Building</b>	AD
<b>Owens Library</b>	OL
<b>Garrett-Strong</b>	GS
<b>Colden Hall</b>	CH
<b>Olive Deluce Fine Arts Building</b>	FA
<b>Wells Hall</b>	WH
<b>Mary Linn Performing Arts Center</b>	PA
<b>Student Union</b>	SU
<b>Brown Hall</b>	BH
<b>Thompson-Ringold</b>	TR
<b>Valk</b>	VA
<b>Martindale Hall</b>	MA
<b>Acquatic Center</b>	AC
<b>Lamkin Athletic Center</b>	LAC
<b>Mabel Cook Visitors Center</b>	MC
<b>Conference Center</b>	CC
<b>Support Services Building(s)</b>	SSB (Call the <b>Help Desk</b> at 562-1634)
<b>Gaunt House</b>	GH
<b>Rickenbrode Stadium</b>	RS
<b>Maryville Treatment Center</b>	MT
<b>McKamey</b>	MCK
<b>Forest Village B, C &amp; A-Commons</b>	FVB, FVC, FVA
<b>Tower Suites West &amp; East</b>	TSW & TSE
<b>Station</b>	ST
<b>Union</b>	SU
<b>Phi Sig (Wireless)</b>	PSK