

**BEVILL STATE COMMUNITY COLLEGE
ALL CAMPUSES**

Configuring Student Laptop for 802.1x Wireless Connectivity

Affected Systems:

Microsoft Windows XP Professional SP2

Microsoft Windows XP Home SP2

Requires Updates:

Windows XP Service Pack 2

Windows XP Wireless Hot Fix #KB88543 – Download from

1. Enable the computer wireless networking service. (This may be a switch, or software that turns on the wireless card.)
2. Open Wireless Connections:

Classic Windows Style

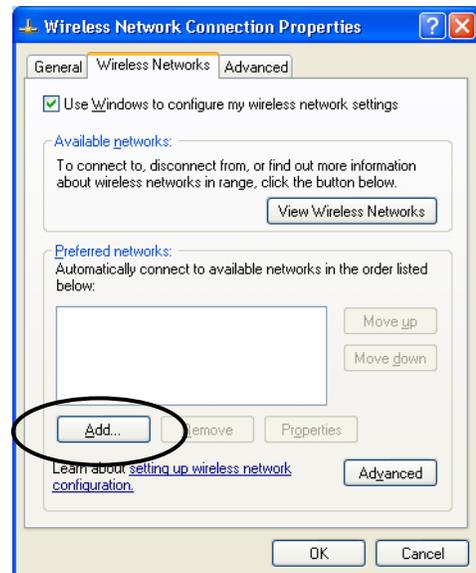
- a. Click 
- b. Select Control Panel
- c. Choose Network Connections

Windows XP Style

- a. Click 
- b. Select Control Panel
- c. Select Network and Internet connections
- d. Choose Network Connections

Right-click on Wireless Connection and select properties from the submenu that is displayed.

Select the Wireless Networks tab.

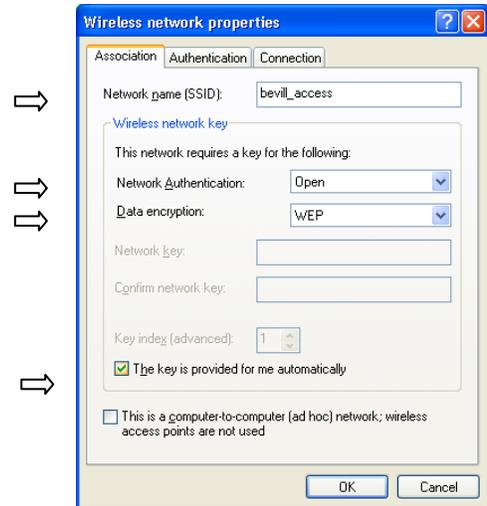


Click the Add button

On the Association Tab of the network properties window, type in

Network name (SSID): bevill_access
Network Authentication: Open
Data Encryption: WEP

Place a check in the box for:
"The key is provided for me automatically"

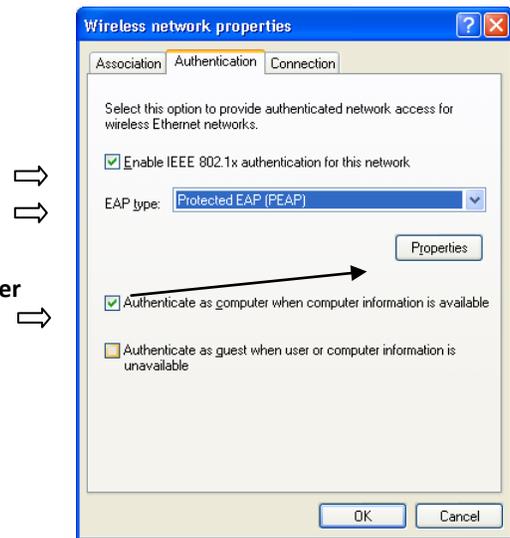


On the Authentication tab:
Check the option for **Enabled IEEE 802.1x authentication for this network.**

EAP type: select **Protected EAP (PEAP)**

Remove the check for the option: **Authenticate as computer when computer information is available**

Click Properties



Remove the check from **Validate server certificate**

Select Authentication method: **Secure password (EAP-MSCHAP v2)**
Check **Enable Fast Reconnect**

Click **Configure**

Remove the check from the option for **Automatically use my Windows logon name and password (and domain if any).**

Click **OK** until you have exited from **Wireless Network Connections Properties**

Restart Computer



Connecting to the Wireless Network

After restarting the computer you will see the following bubble pop up on the task bar when the wireless network is in range.



Click in the center of the bubble (not the X) to enter your credentials.

In the credentials box enter:

User Name: **BLACKBOARD ID**
Password: **STUDENT NUMBER**
Logon Domain: BSCC

Click OK

You should be able to use the Secure Wireless Network from any BSCC Campus.

