Configuring Student Laptop for 802.1x Wireless Connectivity

Affected Systems:
Microsoft Windows Vista

Requires Updates:
Windows Vista
Windows Vista Hot Fix #KB88543 – Download from

*Enable the computer wireless networking service. (This may be a switch, or software that turns on the wireless card.)

a. Click Start
b. Select Control Panel
c. Choose Network and Internet
d. Three options available
e. Choose Wireless (This will bring up the wireless option)

Connect to the Internet Dialog Box appears
Click on Connect
Select the Manage Wireless Networks

Click the Add button

Choose Manually Create a network Profile

Network Name: bevill_access
Security type: 802.1x (Upon choosing 802.1x it should default the WEP automatically)
Encryption type: WEP
Make sure that you CHECK connect even if etc...

Click Next

Next screen states the successfully added Bevill-access

Choose Change connection ...

The bevill-access Wireless Network Properties Dialog box will appear.

Click the Security tab
From the Security tab, Choose a network authentication method: Choose PEAP from the drop down menu 
Click the settings... tab

From the Protected EAP Properties
UNCHECK the Validate server certificate

Click the CONFIGURE tab located under the Select Authentication Method

UNCHECK automatically use my Windows logon Name and password (and domain if any)

Click OK

The system should try and connect to the wireless internet. You should get a dialog box that states that the system is trying to “Connect to the Internet”. Additional log on information is required to connect to this network!

Choose Enter/select additional log on information
The Enter Credentials Screen will appear and you are to type
User Name: BLACKBOARD ID
Password: STUDENT NUMBER
Logon Domain: BSCC

Click OK

You should see the Connect to a network dialog box appear.

Choose bevill_access and Click Connect

Once the wireless has validated your credentials it should state “CONNECTED”