Configuring Student Laptop for Wireless Connectivity

Affected Systems:

Windows 7

1. Enable the computers’ wireless networking service. (NOTE: This may be a switch or software that turns on the wireless card.)

2. Open Wireless Connections:

   Click Windows 7 Start Menu

Select Control Panel

Select “Network and Internet”
Select “View network status and task”

Select “Manage wireless networks”

Under “Manage Wireless Networks”

Click on the “Add” button
Click on “Manually create a network profile”

Enter information for the wireless network you want to add:

Network name: bevill_access

Security type: WPA2-Enterprise

Encryption type: AES

Place a check in box in the following: “Start this connection automatically” and “Connect even if the network is not broadcasting”
Click “Next”

Click “Change connection settings”

On the “bevill_access Wireless Network Properties” page under the “Connection” Tab

Place a check in box: “Connect even if the network is not broadcasting its name (SSID)”
Click on the “Security” tab at the top of the “bevill_access Wireless Network Properties” page.

Click on the “Advanced settings” button.

On the “Advanced settings” page under the “802.1x settings” tab:

- Uncheck the box “Specify authentication mode:”
- Check the box “Enable single sign on for this network”
- Bullet “Perform immediately after user logon”
- Check the box “Allow additional dialogs to be displayed during single sign on”
- Check the box “This network uses separate virtual LANs for machine and user authentication”

Click “OK”
Now you should be back on the “bevill_access Wireless Network Properties” page
Click the “Security” tab
See “Choose a network authentication method: Microsoft: Protected EAP (PEAP)” click the “Settings” button

On the “Protected EAP Properties” page
Uncheck the box “Validate server certificate”
Below you will see “Select Authentication Method: Secured password (EAP-MSCHAP v2)”
Click on the “Configure” button
On the “EAP MSCHAPv2 Properties” page

Uncheck the box “Automatically use my Windows logon name and password (and domain if any).”

Click “OK”

It will take you back to the “Protected EAP Properties” page

Click “OK”

Now you are on the “bevill_access Wirless Network Properties” page

Click “OK”
Look for the pop-up on the task bar “Additional information is needed to connect to bevill_access”

Click on the pop-up

After clicking on the “Additional information is needed to connect to bevill_access pop-up”

You will see a “Windows Security” box pop-up

Enter your

User Name: BLACKBOARD ID
Password: STUDENT NUMBER

Click “OK”

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