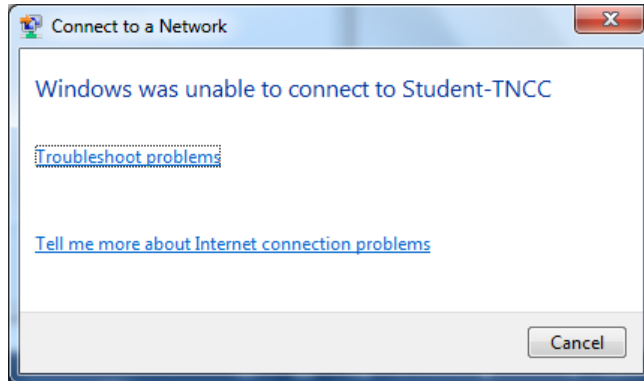# TNCC secure
Wireless Network Connection Procedures
# For **Windows 7** (and Vista)

How to configure Windows Vista and Windows 7 with IEEE 802.1x Authentication

If your connection to Employee-TNCC or Student-TNCC fails and you receive a message like the one below, follow these instructions to successfully connect to the TNCC encrypted wireless network.


NOTE: Manufacturers' adapters are often bundled with management software. If you have problems connecting to TNCC's 802.1x wireless network try disabling this software and use Microsoft's built-in configuration tool instead. If you are still having problems after following these instructions, you will need to update your wireless network card drivers.
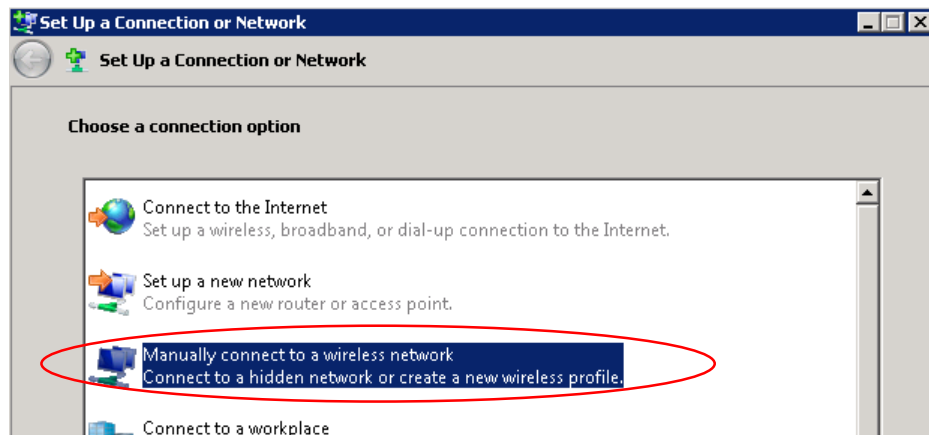
1. Right-click on the wireless network icon in the taskbar (bottom right on the desktop). Select "*Open Network and Sharing Center*". (Alternatively, you can go to Control Panel then *View network status and tasks* under *Network and Internet.*)
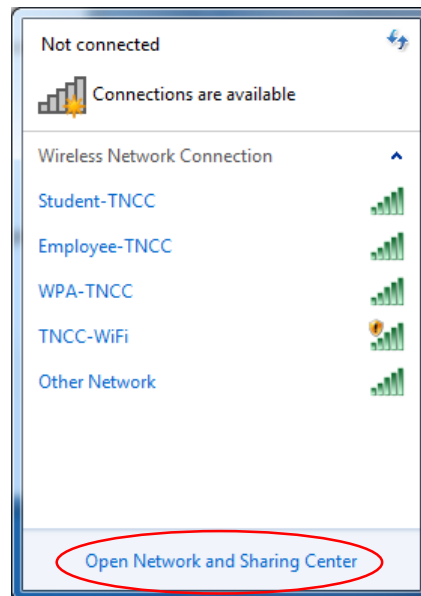
2. In the window that appears, select "*Set up a new connection or network*".
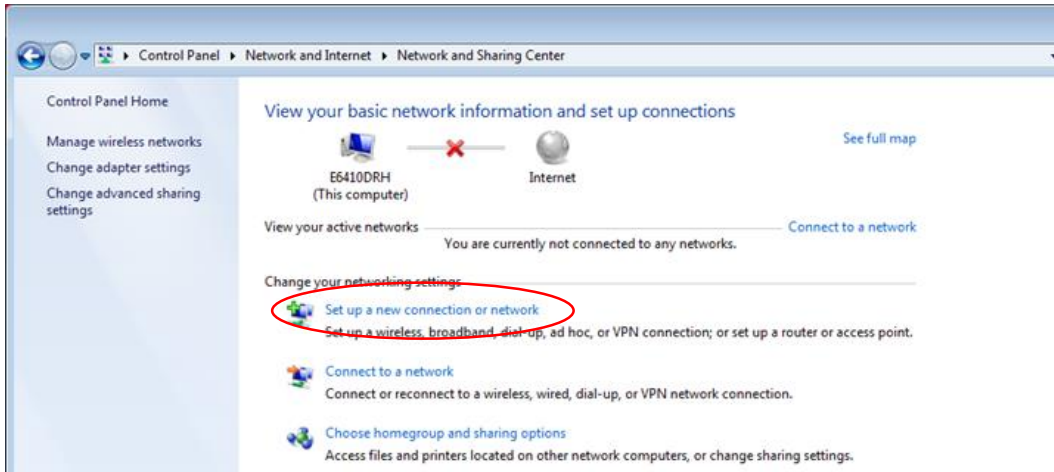
3. Select "*Manually connect to a wireless network*" and then Next.

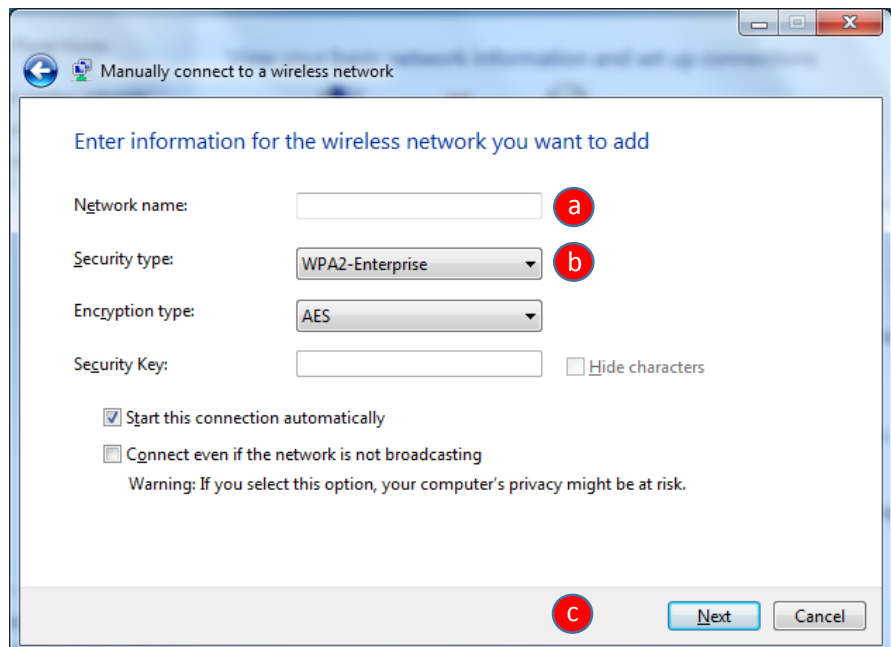4. Enter information for the wireless network you want to add:

   a. Network name:

      Employee-TNCC for employees

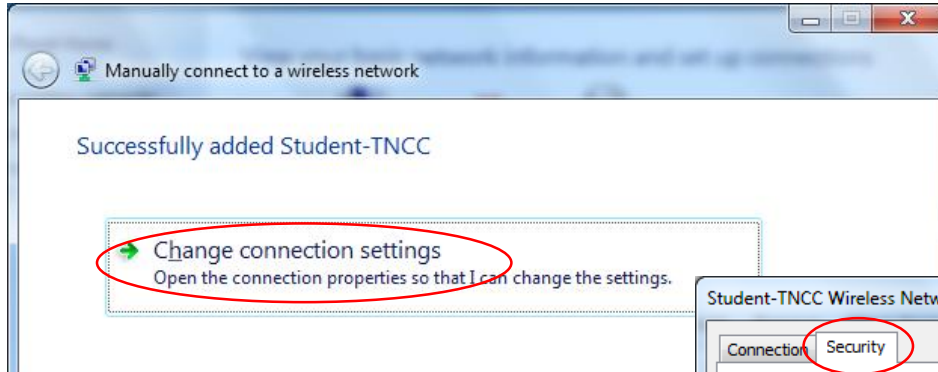   **Student-TNCC** for students

      (Must be type exactly as shown, including <u>case-sensitivity</u>)

   b. Security Type: **WPA2-Enterprise**
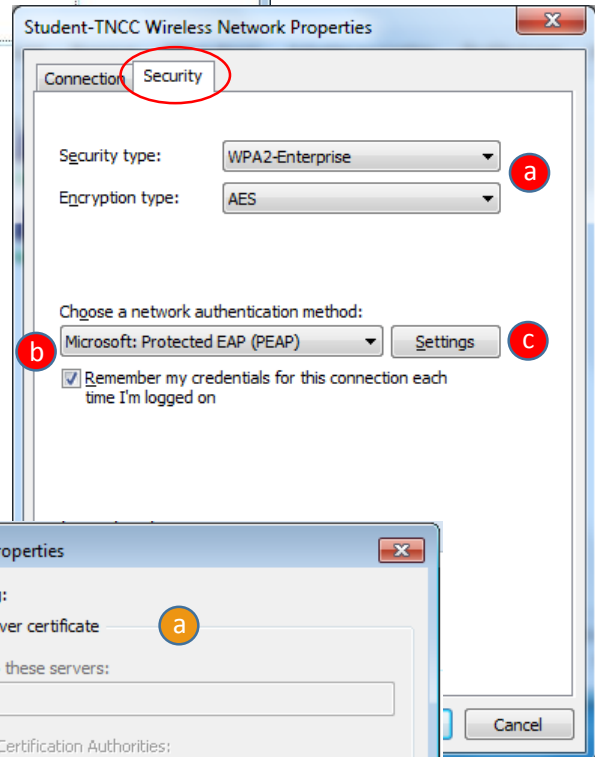
   c. Click *Next*.

5. Click "*Change connection settings*".

6. Select the **Security** tab

   a. Verify Security type is "**WPA2-Enterprise**" and Encryption type is "**AES**."

   b. Authentication method should be "**Microsoft: Protected EAP (PEAP)**" and **"Remember my credentials for this connection**..." checked.

   c. Click the *Settings* button.

7. Protected EAP Properties

   a. Uncheck the box marked "**Validate server certificate**".

   b. Leave **"Secured Password (EAP-MSCHAP v2)**" selected and **"Enable Fast Reconnect**." checked.
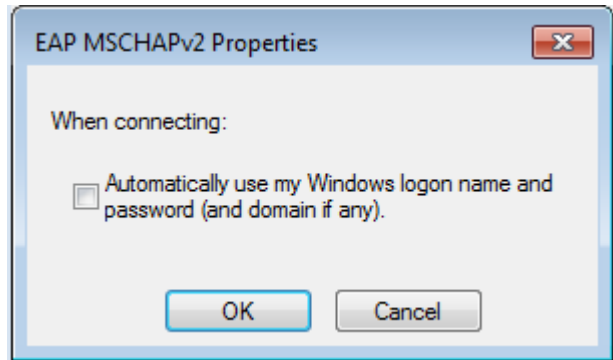
   c. Click *Configure*.
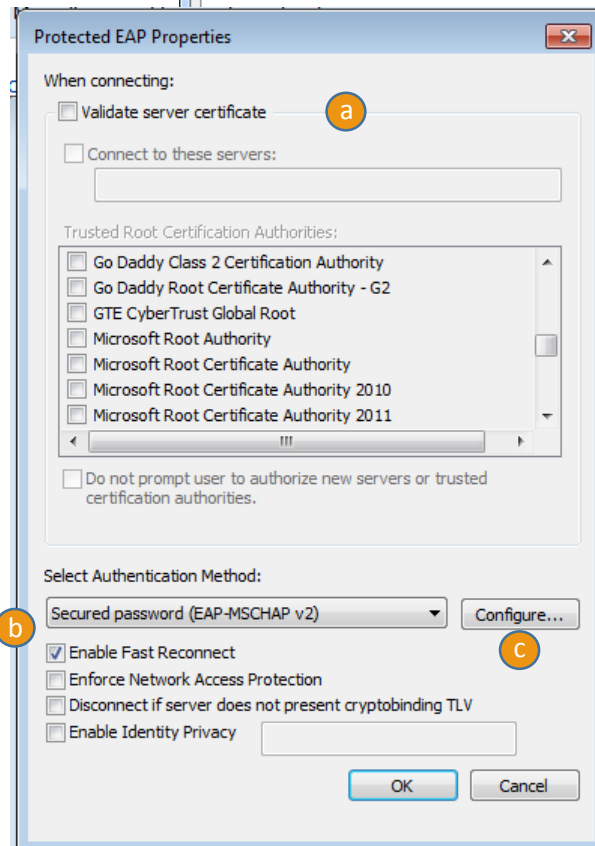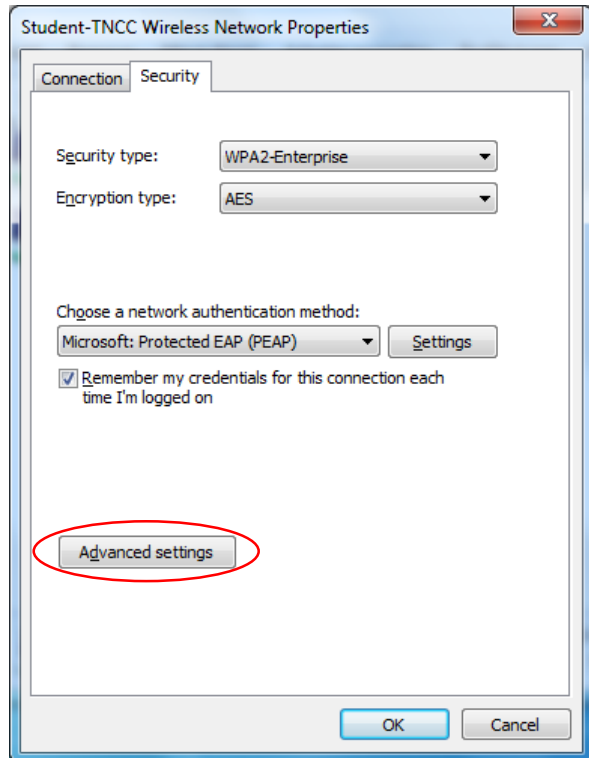
8. EAP MSCHAPv2 Properties

For personal devices, **uncheck** "*Automatically use my Windows logon name and password*".

TNCC domain computers connecting to Employee-TNCC can have this **checked.**

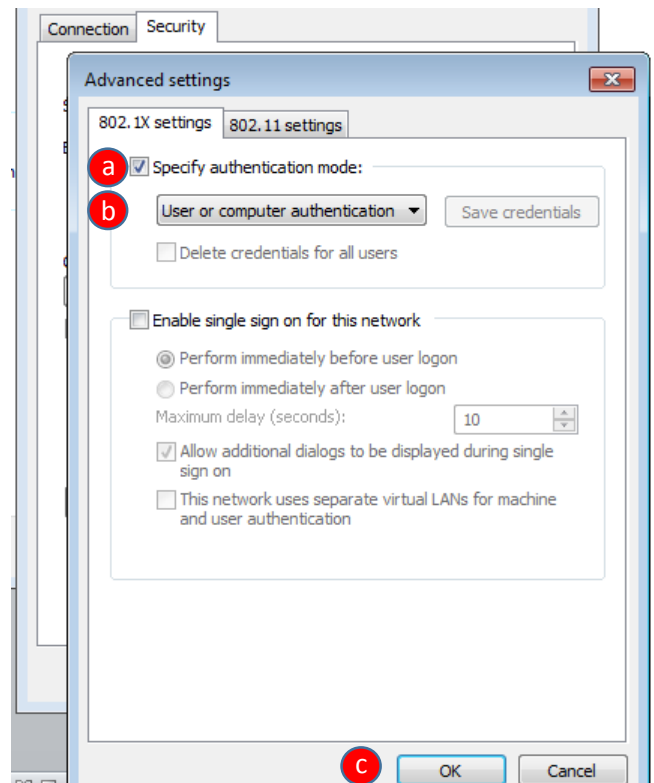Select *OK* to close the *EAP MSChapv2* window and **OK** again for the *Protected EAP Properties*.
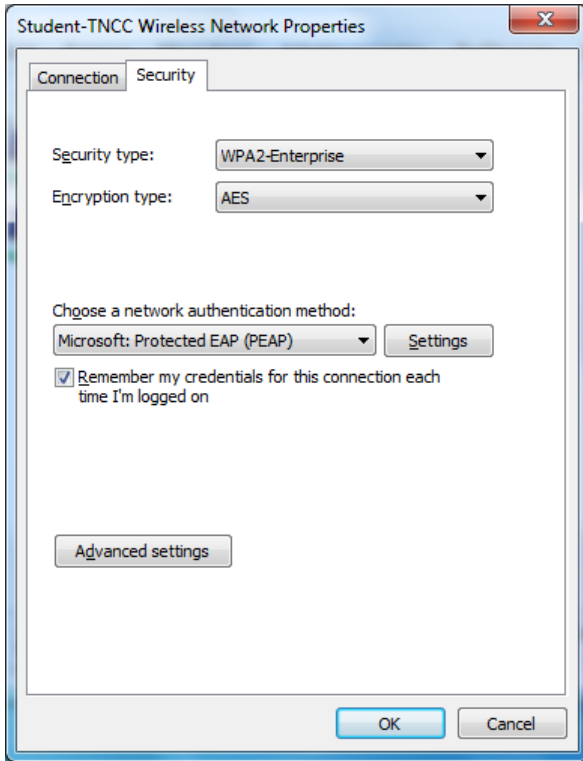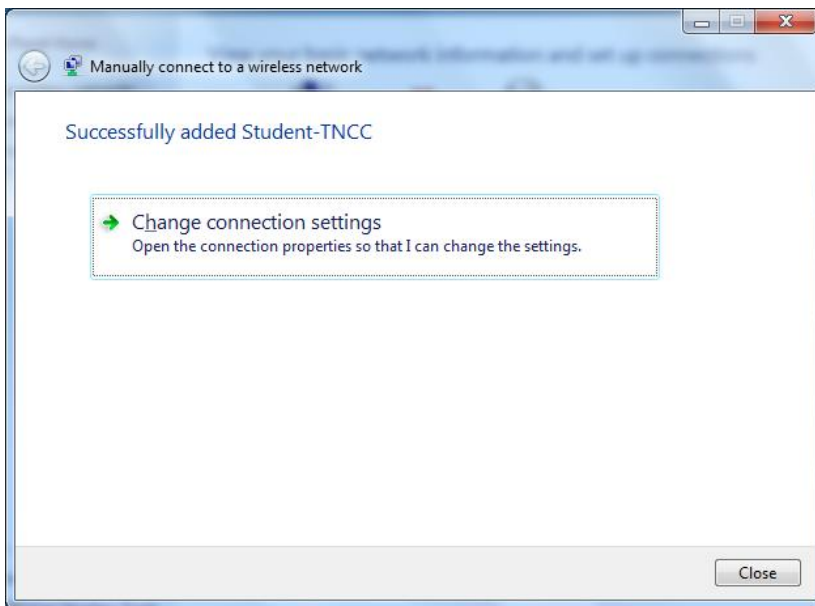
9. Select *Advanced Settings*.

10. Advanced Settings
   a. Check the "*Specify Authentication Mode*" box.
   b. Select "*User or computer authentication*".
   c. Click *OK*.

11. On the Wireless Network Properties window, select *OK*.

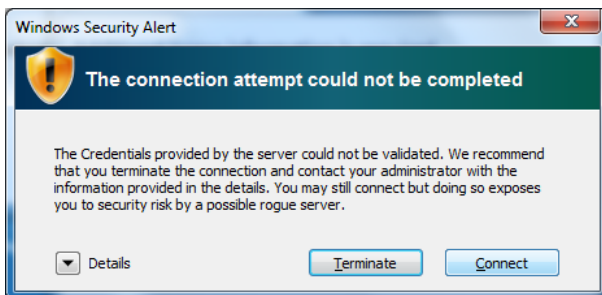12. Select *Close* on the "Successfully added Student-TNCC" network dialog.

TO LOG IN:

1. Click on the Wireless icon in the taskbar (bottom right on the Desktop).

2. Choose **'Student-TNCC'** and click *Connect*.

3. If you receive the following Security Alert select **Connect**.

4. If prompted enter your username and associated password.

   a. Employees: use your Network login & Password

   b. Students: use your MyTNCC login & Password

   c. Click *OK* to connect