Wireless Setup for Windows 7

Wireless Names

- **KUEMPLOYEE** – Only Kettering Staff and Faculty can connect to this wireless
  - Network Access, Internet Access, Printer Access, License Manager
- **KUSTUDENT** – Active Kettering Students **Must** connect to this wireless
  - Internet Access and License Manager
- **KUGUEST** – Any user with a valid Email address can connect to this wireless
  - Internet Access only
  - KUGUEST can be used if issues arise from the KUEMPLOYEE or KUSTUDENT

These step-by-step instructions are designed to be used with Windows 7 and Microsoft Wireless Manager. If you use any other type of wireless manager (i.e. Dell Wireless client manager, Broadcom Wireless Manager, Intel Wireless Manager, etc.) these instructions will not work correctly.

**KUEMPLOYEE & KUSTUDENT**

1. Click on the “Start Menu”
2. Open “Control Panel”
3. If your “Control Panel” is set to “Category”
   a. Select “View network status and tasks” under “Network and Internet”
   b. Skip Direction #4
4. If your “Control Panel” is set to “Large icons” or “Small icons”
   a. Select “Network and Sharing Center”
5. Select “Manage wireless networks”
6. Select “Add” in the “Manage Wireless Network” Window
7. Select “Manually create a network profile” in the “Manually connect to a wireless network” window (How do you want to add a network?)
8. Enter information below in the “Manually connect to a wireless network” window (Enter information for the wireless network you want to add)
   a. **Network name:** KUEMPLOYEE or KUSTUDENT
   b. **Security type:** WPA2-Enterprise
   c. **Encryption type:** AES
   d. **Security Key:** LEAVE BLANK
   e. Place Checkmark on “Start this connection automatically” if you would like to automatically connect when you are in range
   f. Leave “Connect even if the network is not broadcasting” unchecked
9. Select “Next” in the “Manually connect to a wireless network” window (Enter information for the wireless network you want to add)
10. Select “Change connection settings” in the “Manually connect to a wireless network” window (Successfully added KUEMPLOYEE/KUSTUDENT)
11. Select the “Security” tab in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
12. Select “Settings” in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
13. Uncheck “Validate server certificate” in the “Protected EAP Properties” window
14. Select “Configure…” in the “Protected EAP Properties” window
15. Uncheck “Automatically use my Windows logon name and password (and domain if any).” in the “EAP MSCHAPv2 Properties” Window
16. Select “OK” to close the “EAP MSCHAPv2 Properties” Window
17. Select “OK” to close the “Protected EAP Properties” Window
18. Select “Advanced settings” in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
19. Check “Specify authentication mode:” in the “Advanced settings” window
   a. From the drop down list select “User authentication”
   b. Select “Save credentials”
20. Enter your domain username and password and select “OK” in the “Windows Security” window
21. Select the “802.11 settings” tab in the “Advanced settings” window
22. Uncheck “Enable Pairwise Master Key (PMK) caching” in the “Advanced settings” window
23. Select “OK” in the “Advanced settings” window
24. Select “OK” in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
25. Select “Close” in the “Manually connect to a wireless network” window (Successfully added KUEMPLOYEE)
26. Close out of “Manage Wireless Networks” by pressing the “X” button in the upper right-hand corner of the window
27. You should now be connected to “KUEMPLOYEE/KUSTUDENT”
   a. To verify select the “Windows Network Connection” icon on the “Taskbar”
   b. “KUEMPLOYEE/KUSTUDENT” should now say “Connected”
Password Change (KUEMPLOYEE & KUSTUDENT)

Kettering University is required to have all users change their domain passwords every 90 days. After you have updated your domain password follow these steps to change your password for KUEMPLOYEE/KUSTUDENT wireless.

1. Follow Steps 1-5 in the previous directions
2. Right click “KUEMPLOYEE” or “KUSTUDENT” under “Networks you can view, modify, and reorder”
   a. Select “Properties”
3. Select the “Security” Tab in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
4. Select “Advanced settings” in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
5. Select “Replace credentials” in the “Advanced settings” window
6. Enter your new Domain username and password and Select “OK” in the “Windows Security” window
7. Select “OK” in the “Advanced settings” window
8. Select “OK” in the “KUEMPLOYEE/KUSTUDENT Wireless Network Properties” window
9. Close out of “Manage Wireless Networks” by pressing the “X” button in the upper-right hand corner of the window

KUGUEST

1. Select the “Windows Network Connection” icon on the “Taskbar”
2. Select “KUGUEST” from the “Windows Network Connection” window
   a. If you want to connect automatically to “KUGUEST” place a Checkmark in “Connect automatically”
3. Select “Connect”
4. Open a web page from your favorite browser (i.e. Internet Explorer, Mozilla Firefox, Google Chrome, etc.)
5. You should have been redirected to the Kettering University Guest Wireless page
6. Enter a valid Email address
   a. Does not have to be a Kettering Email address
7. Select “Accept”
8. You should be redirected back to your original web page