

WSU Wireless and Wired Ethernet Access @ WSU Pullman (PEAP)

This handout contains instructions for configuring laptops to access the Internet via Washington State University Pullman's "WSU Wireless" Ethernet and wireless network. All WSU Pullman libraries have wireless networks; Holland and Terrell, Owen, & Health Sciences also have carrels wired for Ethernet access. Non-WSU affiliated visitors without Friend of WSU IDs (FIDs) can visit the CUB Info Desk for a temporary Guest Account, or get free wireless access at local locations including Neill Public Library, Dissmore's Grocery, and the Daily Grind Coffeehouse. Other businesses, including Starbuck's Coffeehouse, provide wireless access for a fee.

Wireless Ethernet Access at WSU Pullman:

WSU Wireless – <<http://www.wsu.edu/wirelessinfo/index.html>>

Wireless Ethernet Locations at WSU Pullman – <<http://www.wsu.edu/wirelessinfo/docs/wirelessmap.htm>>

For Technical Assistance –

Undergrads: Student Computer Services (SCS) Help Desk:

helpdesk@wsu.edu, 509-335-HELP/4357, <<http://www.scs.wsu.edu>> or IT Room 2071 (in/underneath Martin Stadium, which is on the Mall between the CUB and Stadium Road).

Faculty, staff & grad students: Technical Assistance Center (TAC):

509-335-5396, tac@wsu.edu, or IT Room 1220 – open 8-5 M-F.

*****Please contact SCS or TAC with ANY technical or access questions not answered by this handout!**

Wireless Access Configuration:

Wireless access requires:

- a laptop with a wireless card (both 802.11b and 802.11g standards are supported)
- a Network or Friend of WSU ID (NID/FID) or Guest Account (ask at CUB Info Desk)
- *Windows 2000/XP/Vista users only:* a wireless driver that supports WPA2/WPA encryption (information and instructions for this are available via the link below)
- a one-time setup of the Protected Extensible Authentication Protocol (PEAP) for the WSU Wireless network.

NOTE: *Users must have the current **Date** and **Time** set on their computer in order for the PEAP certificate to be authenticated properly. Double-check your date and time settings.*

Network ID (NID) or Friend of WSU ID (FID):

If you do not have one, you can create one at

<<https://webutil.wsu.edu/apps/myNetworkProfileHelp/aboutUserIDs.aspx>>. Must be done on a computer already connected to the Internet. FIDs require additional authorization in order to access WSU Wireless.

Protected Extensible Authentication Protocol (PEAP)

PEAP must be set up on your computer before you can access the WSU Wireless network. Instructions for setting it up are available at the URL below; you can read and follow them from a computer already connected to the Internet, or print them out and follow them that way:

<http://infotech.wsu.edu/communications/network/wirelessInfo/wiSetUp.html>

(Turn over for Wired Ethernet info)

Wired (Ethernet Cable) Access at WSU

In addition to the wireless access available at all WSU Pullman libraries, the Holland and Terrell Libraries, Owen Science and Engineering Library, & Health Sciences Library also have carrels wired for Ethernet access. Using an Ethernet cable, you can connect your laptop to the campus Ethernet network.

Wired Ethernet access requires a computer with an Ethernet network card, an Ethernet cable, a WSU Network ID (NID), and DHCP registration.

Faculty and staff setting up wired Ethernet access in their offices should talk to their IT person.

Network ID – All WSU affiliates should already have a Network ID.

If you do not, you can create one at <<https://webutil.wsu.edu/apps/myNetworkProfileHelp/aboutUserIDs.aspx>>. Must be done on a computer already connected to the Internet.

DHCP (aka MAC address or Physical Address) Registration (to add your computer to the WSU Ethernet network):

1. From a library computer or other computer connected to the Internet, use the instructions on this site: <http://www.hku.hk/cc/faq/register-nic.htm> (**ONLY the part under Q3!!!**) to find your laptop's wired Physical Address (not wireless) DHCP address. You will need to have your laptop turned on to find your DHCP address. Copy it so you can paste it in during Step 2.
2. Then register it at <http://infotech.wsu.edu/communications/network/dhcp/index.html>
DHCP registration must be done on a computer already connected to the Internet.
3. Not sure if you are registered? Check at
<http://infotech.wsu.edu/communications/network/dhcp/index.html>

Ethernet Cables – For sale at SCS (CUE lab) for \$10.00 plus tax; Available for check-out at the Owen Library Circulation Desk (along with flash drives, and even laptops!).

Ethernet Card – Most should work without a problem. If you do have a problem, contact SCS or TAC (see the other side of this handout) to buy a card or confirm yours is supported.