

Connecting to the Campus Network

A guide for Pre-College and SAMS students

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Welcome to Carnegie Mellon! This document will walk you through the process of connecting to the campus network.

Where to Get Help

If you need assistance with connecting to the network or with any computing related question, contact the Help Center by phone at 412-268-4357 or via email to advisor@andrew.cmu.edu. On Saturday, June 27, when you arrive on campus, the Help Center will offer special hours between 11 a.m. - 3 p.m. The Help Center is located in Cyert Hall 119 and their regular hours are Monday - Friday, 9 a.m. - 5 p.m. for walk-in service, and from 7 a.m.- 7 p.m. for phone and email support.

Once you have established a network connection, online help is available anytime at:

- www.cmu.edu/computing/new-user/
- www.cmu.edu/computing/documentation/

Steps to Establish a Connection

Step 1: What you'll need

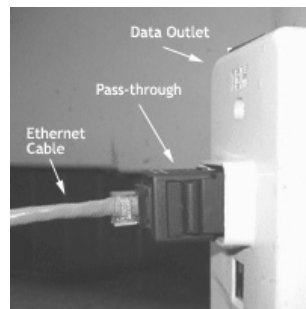
To establish a wireless connection, you'll need a wireless Ethernet card—most new laptops come with the card installed. Note that, even though we have an extensive wireless network, you should use a wired connection when you are working in your residence hall room.

To establish a wired connection, you'll need:

- Wired Ethernet card
- Ethernet cable - long enough to reach from your computer to the data outlet in your room.
- Pass-through - Pass-throughs are adapters (see graphic) that can be purchased on campus in the Computer Sales area of the University Store.

Step 2: Connect to the Data Outlet (Wired only)

For wired connections, you'll need to connect your Ethernet cable to the Ethernet port in your computer; on the other end connect the Ethernet cable to the pass-through which plugs into the data outlet in your room.



Connect your Ethernet cable to the pass-through and then to the data outlet in your room.

Step 3: Configure OS (Wireless Only)

Follow the appropriate instructions on the reverse side to configure your computer for wireless networking. If after completing the configuration steps, you fail to establish a wireless connection, check to be sure that your wireless switch or function key is toggled "on" for wireless. Refer to your laptop owner's manual for help.

Note: Computing Services supports Windows Vista, Windows XP, Mac OS X 10.5 and Mac OS X 10.4 for use on campus. Other operating systems may work in our computing environment, but we make no guarantees.

Step 4: Secure and Register

You should now have limited network connectivity to sites within "www.cmu.edu" and some other sites that are allowed for security purposes. Launch a web browser (e.g., Internet Explorer) and visit "Connect to the Network" at www.cmu.edu/computing/firstconnect/. This site will walk you through the remaining steps necessary to establish a full and secure network connection.

Mac OS X 10.5 Wireless Connection

1. From the Apple menu, select **System Preferences** and click the **Network** icon.
2. Click **AirPort** in the side panel. Under the Network Name menu, select **CMU**. **Note:** If CMU is not available, click **Advanced** and set these options:
 - On the AirPort tab, click the (+) sign below the list of Preferred Networks. Type in **CMU** for the Network Name. Set Security to **None** and add the network.
 - On the TCP/IP tab, set Configure IPv4 to **Using DHCP**. Click **OK** to close.
3. At the bottom of the Network window, make sure **Show AirPort status in menu bar** is selected.
4. Click **Apply** to confirm these changes. Close **System Preferences**.

The configuration step is complete; you will have restricted Internet access. To gain full access, launch a web browser (e.g., Internet Explorer) and refer to the reverse side of this document to complete **Step 4: Secure and Register**.

Mac OS X 10.4 Wireless Connection

1. From the Apple menu, select **System Preferences** and click the **Network** icon. The Network dialog box appears.
2. Click **Airport**. On the Airport tab, set these options:
 - By default, join: **Preferred Networks**.
 - Under Network Name, select **CMU**. Note: If CMU doesn't appear, click the (+) sign. The Network dialog box appears. In the Network Name field, enter **CMU**; Wireless Security should be set to **None**. Click **OK** to close the dialog box.
 - At the bottom of the Network dialog box, select the option to **Show Airport Status** in the menu bar.
3. On the TCP/IP tab, set **Configure IPv4: Using DHCP**.
4. Click **Apply now** to register these configuration changes.
5. Select **System Preferences > Quit System Preferences**.

The configuration step is complete; you will have restricted Internet access. To gain full access, launch a web browser (e.g., Internet Explorer) and refer to the reverse side of this document to complete **Step 4: Secure and Register**.

Windows Vista Wireless Connections

1. Select **Start > Connect to >** then select **CMU Unsecured network** and click **Connect**.
2. You'll be notified that CMU is an unsecured network. Click **Connect Anyway**.
3. You'll be notified that you've successfully connected to CMU. Select the **Save this Network** checkbox; the Start this connection checkbox is automatically checked. Click **Close**.

The configuration step is complete; you will have restricted Internet access. To gain full access, launch a web browser (e.g., Internet Explorer) and refer to the reverse side of this document to complete **Step 4: Secure and Register**.

Windows XP Wireless Connections

1. Select **Start > Connect to >** then select **Wireless Network Connection**.
2. Select **View Available Wireless Networks** from the menu. The Wireless Network Connection window appears.
3. Select **CMU** and click in the checkbox to select **Allow me to connect to the selected wireless network, even though it is not secure**. Click **Connect**.
4. A Wireless Network Connection dialog box appears. Click **Connect Anyway**. The wireless card lights will begin flashing and network connectivity should start within a few seconds. If your wireless card does not establish a connection, you may need to **RESTART** your computer.

The configuration step is complete; you will have restricted Internet access. To gain full access, launch a web browser (e.g., Internet Explorer) and refer to the reverse side of this document to complete **Step 4: Secure and Register**.