

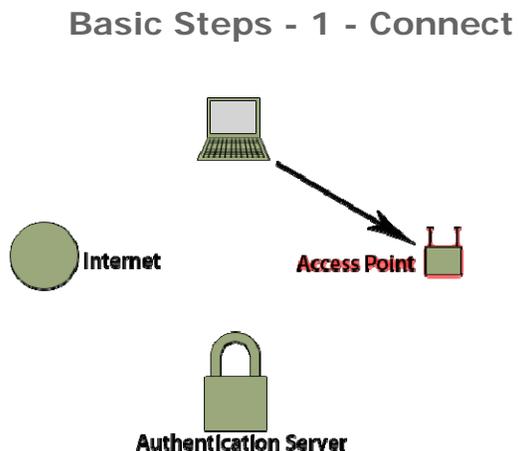
Connecting Your Laptop to the Wireless Network

1. First, you need to have physical access to the wireless network by being in one of the regions covered. The connectivity will vary, depending on your location, the amount of access points and amount of users connected.
2. Second, you need a wireless network card, either built in to your laptop or purchased separately.
3. Finally, once you are connected to a University of Alberta wireless network, you will be able to authenticate. If you are using a Mac, all you need is your **CCID** and **Password**. If you are using Windows, you will need **PuTTY** as well as your **CCID** and **Password**.

For more information, go to: <http://helpdesk.ualberta.ca/internet/wireless.html>

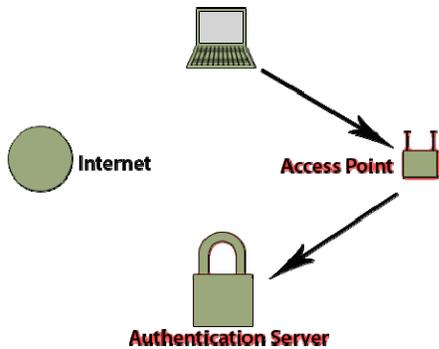
Understanding AICT Authentication

In a typical wireless connection, your laptop connects to a wireless access point that has access to the internet. When connecting at the U of A, the access point is connected to the Authentication server which grants access to the internet. This ensures that only those with a CCID and Password have access.



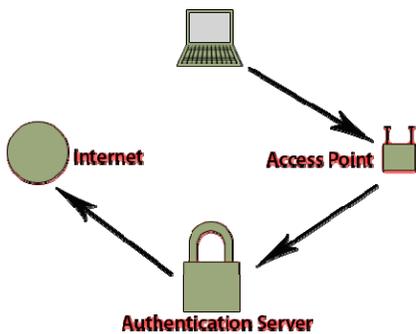
Before you can communicate with the **Authentication Server**, you must connect to a **Wireless Access Point**. The access points are provided and maintained by the department they reside in. *If you are experiencing a weak signal or connection interruptions, it is likely a problem with the access points.*

Basic Steps - 2 - Authenticate



Once you have connected, you will be able to authenticate. If you are using a Mac, all you need is your **CCID** and **Password**. If you are using Windows, you will need [PuTTY](#) as well as your **CCID** and **Password**.

Basic Steps - 3 - Access the Net

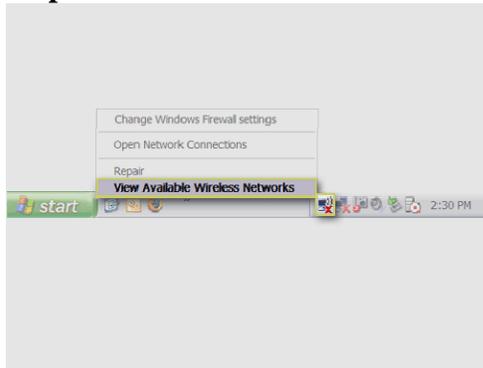


You will have access to the internet as long as you are connected to both the access point and the authentication server. If you lose access, check your connections.

If you have lost your connection to the access point, contact the **department** you are in. If you have lost your connection to the authentication server, contact [Helpdesk](#).

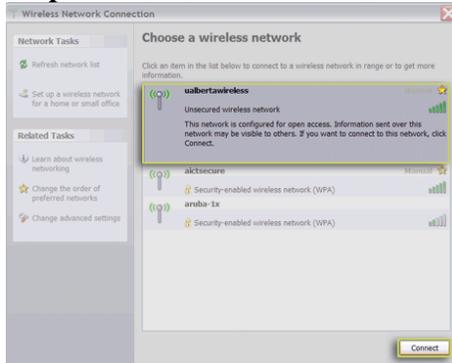
Connecting with Windows

Step 1a - View Wireless Networks



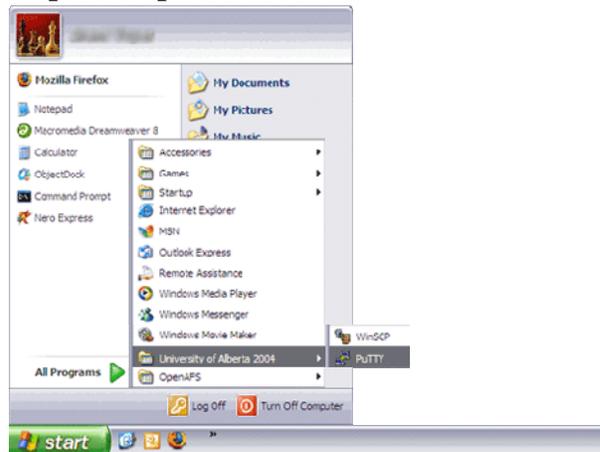
Right-click the wireless network icon in the System Tray. Select View Available Wireless Networks.

Step 1b - Connect to Network



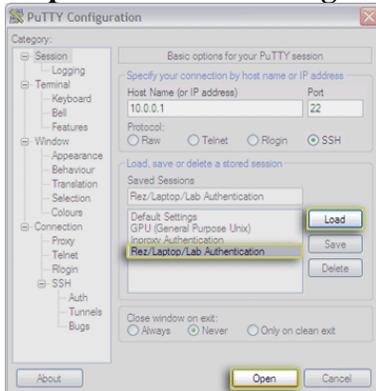
You should see a list of available wireless networks. If you do not, click **Refresh network list**. Click on **ualbertawireless** and then click **Connect**.

Step 2a - Open PuTTY



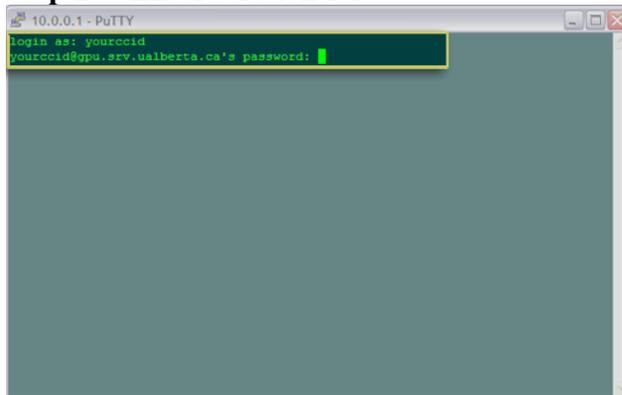
Open PuTTY. If you do not have it, it can be downloaded [here](#).

Step 2b - PuTTY Configuration



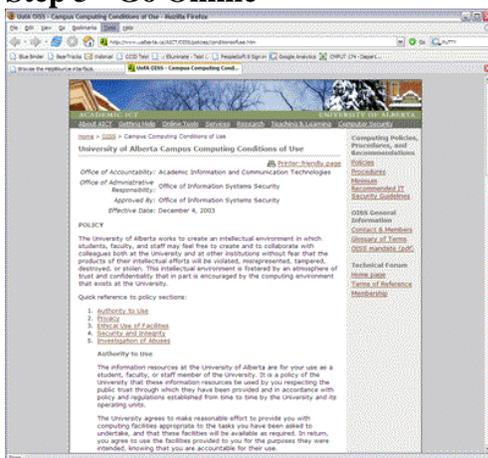
Select **Rez/Laptop/Lab Authentication** from the list of saved sessions and click **Load**. Click **Open**.

Step 2c - Enter Credentials



Enter your **CCID** at the **login as:** prompt and your password at the **password** prompt. *When entering your password, you will not see any output on screen. This is normal.*

Step 3 - Go Online

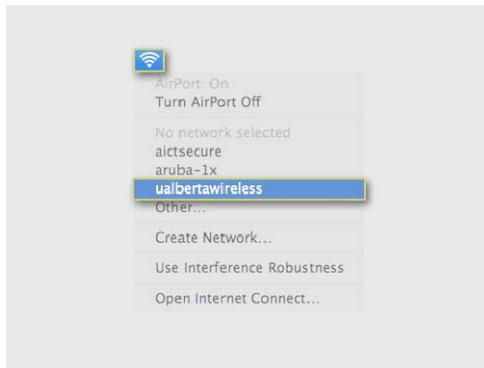


You now have access to the internet. Make sure to keep this window open -- your connection will be lost when this window closes.

Please make sure to adhere to the **Conditions of Use** at all times.

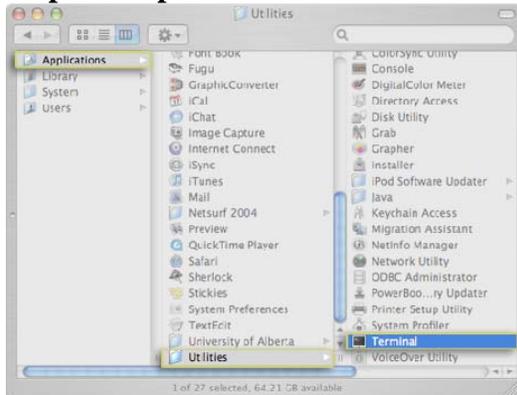
Connecting with Mac OS X

Step 1 - Connect



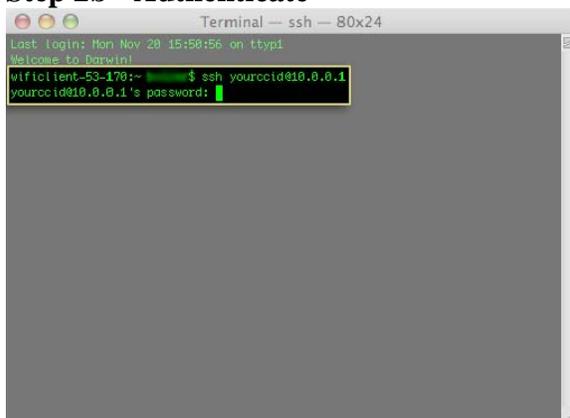
Click on the **Airport status menu icon** on the right side of the **Apple menu bar**. After ensuring it is on, select **ualbertawireless** from the list to connect.

Step 2a - Open Terminal



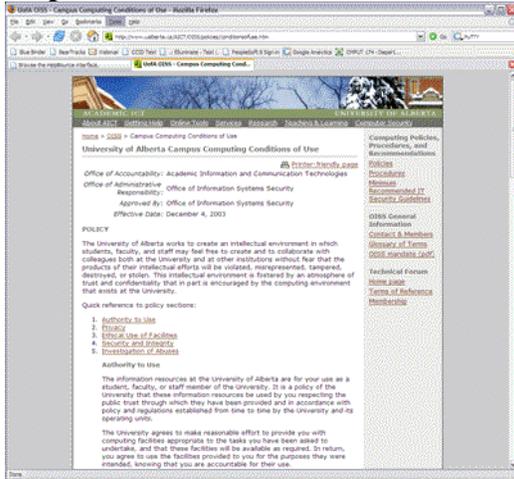
Go to your **Applications->Utilities** folder and open **Terminal** by double-clicking it. If you like, add terminal to your dock by dragging it there.

Step 2b - Authenticate



Type **ssh yourccid@10.0.0.1** and press **Return**. Enter your **CCID** at the **login as:** prompt and your **password** at the **password** prompt. *When entering your password, you will not see any output on screen. This is normal.*

Step 3 - Go Online



You now have access to the internet. Make sure to keep this window open -- your connection will be lost when this window closes.

Please make sure to adhere to the **Conditions of Use** at all times.

Step 4 - Alternative Connection Method



Another method of authenticating is to use the **AICT SSH Authentication 1.0.2** tool. This tool can be downloaded at the following URL:

www.ualberta.ca/aict/software/auth.html