



ECU WIRELESS SETUP

The ECU Wireless system uses a captive portal authentication system. There are three steps to configure your computer for wireless access:

1. Install a wireless network card into your computer. Your computer may already have a wireless network card installed.
2. Select the correct SSID network information (**ECI Wireless**). The SSID information instructs the wireless card where to look for the transmitters.
3. Login to the wireless portal webpage using your ECU email ID and password.

Detailed information about these steps is outlined below. Information for accessing your network space once your wireless network has been configured is also supplied below, at the end of this document.

Note:

The ECU Wireless system consists of a network of 802.11b transmitters throughout the school. (There is a planned upgrade to 802.11g later this year). The maximum transfer speed is 10 mb/s. You will be able to access all the network services provided by ITS using this service including email, web browsing, and your network server space (Windows XP users may require some special configuration, see below). *The wireless system is currently unsupported by ITS staff. This means we can guarantee no continuity of service nor can we assist you in setting up your computer for this service. ITS will only provide help via this document.*

Installing a wireless network card

Please consult your network card manufacturers' manual for installation instructions.

Select the correct SSID network information (Mac)

1. Open the **System Preferences** panel.
2. Click **System Preferences** on the Dock.
3. Or, select the **Apple menu**, then select **System Preferences**.
4. Click the **Network** icon.
5. If you connect to other networks, click the **Location** drop down menu and click **New Location**. Type in a meaningful name and press **OK**.
6. This menu replaces the Location Manager that appears in earlier versions of the Macintosh OS.



7. While this location is selected, all changes you make to your AirPort, AppleTalk, and TCP/IP preference panels will be saved as separate configurations.
8. To switch between locations in the future, click the **Location** menu and drop down to the desired location.
9. If AirPort is not the selected card, click the **Show drop down** menu and select **AirPort** (or another wireless adapter you're using).
10. If you are unable to edit the fields, click the padlock in the lower left corner. Enter a name and password for an account with administrative privileges. (This is usually the same account you created when you installed OS X, or another user account to which you have granted administrator privileges.)
11. Click the **AirPort** tab when it displays.
12. Select **Join a specific network**.
13. In some OS X versions, this option will not appear.
14. In the **Network drop down** menu, select (or type in) **ECI Wireless** as the network name.
15. If you do not see the **ECI Wireless**, you may have one of the following problems:
 - Your AirPort card may not be installed correctly.
 - You may not be near a wireless access point on the **ECI Wireless** network.
16. Place a check in the **Show AirPort status in menu bar** checkbox if you want to display your AirPort status in the OS X menu bar.
17. Click **Apply Now**.

Select the correct SSID network information (PC)

1. Click the start Menu and select My Network Places
2. Select View network connections
3. Right Click on Wireless Network Connection
4. Select the Wireless Networks Tab
5. Enter **ECI Wireless** in the Network name (SSID) field
6. Reboot

Login to the wireless portal webpage

Once the correct SSID network is configured and selected, as soon as you open your web browser and navigate to a page of interest you will be redirected to a login page. You must enter your ECU e-mail username and password here.



ECU Wireless Network

Login:

Password:

LOGIN

Need some help? [Visit the ITS homepage](#)

Once logged in, you will be able to navigate the ECU network and Internet as usual for a period of 5 hours. After that time the system will automatically log you out and you'll have to re-authenticate yourself.

Accessing ECU Network Server Space

Once your wireless network card is configured and you have logged into the wireless portal, you can access the Internet and also your network space on our servers.

FOR MACINTOSH OS X USERS

In OS X click the Go menu on the desktop and scroll to "Connect to Server." When the new dialogue box appears type in:

- `smb://netfiles.edu.eciad.ca` in the "Server Address" box and click "Connect";
- Your ECU email username;
- Your ECU email password;
- Click "OK".

FOR WINDOWS XP USERS

To access your network server space using Windows XP, XP must be configured to enable "Plain Text Password" connections. Windows XP Professional has menu options (below) that should be used to enable plain text passwords for SMB servers. The Windows XP Home edition requires manual addition of this "xp.reg" registry key.



FOR WINDOWS XP PROFESSIONAL

1. Start -> Programs -> Administrative Tools

We have seen some Windows XP systems that did not have Administrative Tools on the Programs menu. If it is not there do:

- o Start -> Settings -> Control Panel -> Administrative Tools

or

- o Start -> Control Panel -> Performance and Maintenance -> Administrative Tools

2. On the Administrative Tools Folder, double-click Local Security Policy.
3. On the Security Setting folder, click the plus sign next to Local Policies +to expand it.
4. Double-click Security Options.
5. Scroll down to near the bottom of the list.
6. Double-click -> Microsoft network client: Send unencrypted passwords to connect to third-party SMB servers
7. Click the Enabled radio button.
8. Click OK
9. Close the Local Security Settings Window
10. Shut down Windows XP and reboot.
11. After rebooting, use the above procedure to check that Microsoft network client: Send unencrypted passwords to connect to third-party SMB servers shows the Local Security Setting set to Enabled.

FOR WINDOWS XP HOME EDITION

Step 1

You will need to make an adjustment to your registry before this will work.

Use the regedit32 utility in XP and go to:

1. Select HKEY_LOCAL_MACHINE
2. Select SYSTEM
3. Select CurrentControlSet
4. Select Services
5. Select lanmanworkstation
6. Select parameters
7. Look for a parameter named enableplaintextpassword
8. If one exists, ensure the value is set to 1
If one does not exist, right click,



- select NEW->DWORD Value
- enter the name enableplaintextpassword
- set the value of this new parameter to 1

9. Reboot

Step 2

1. Right click on My Computer and select Map Network Drive.
2. Under folder type in: \\netfiles.edu.eciad.ca\your-email-username
3. A dialogue box will appear. Enter your email username and password.
4. Your service space will now be available as a network drive in My Computer.