

WIRELESS NETWORKING AT UMASS BOSTON

Macintosh Laptops

www.umb.edu/wireless

Wireless networking is now available in the Atrium Café at the Campus Center.

To connect to the wireless network, you will need:

- ✓ A valid UMass e-mail account and password on the MS Exchange email system. If you do not have a UMass e-mail account, you can call 7-5220 for faculty and staff or 7-4000 for students.
- ✓ A computer with a wireless network card. This wireless network card must be 802.11b WiFi compliant.

To determine if your Macintosh OSX laptop already has wireless built in, go to System Preferences (under the Apple menu) and open the Network pane. Depending on your version you will either see a list of the available networking options or you'll have to click on the "show" popup list to see if Airport is an option. You might also have an icon in the upper right section of your menu bar that indicates the Airport Software is running.

For Macintosh OS9 or earlier, launch the "AirPort" Control Panel in the Control Panels folder under the Apple Menu. In all Macintosh Operating Systems you'll need both a wireless card and the Airport Software.

There are currently three standards for wireless networking, 802.11a, 802.11b, and 802.11g. The UMass Boston wireless network supports the 802.11b standard. To determine if your built-in card is A, B, or G compatible, you must consult the documentation that came with your computer.



If your laptop does not have built-in wireless, you can buy a PCMCIA wireless network card, which will fit in the slot on the side of your computer. Just make sure the card you buy is 802.11b WiFi compliant. If you need assistance please contact the Computing Services Helpdesk at 617-287-5220 or helpdesk@umb.edu.

Hot-Jack Service

Hot-jacks are located throughout the Campus Center Atrium. If your laptop does not have a wireless network card, you can plug it in directly to a hot-jack, which will connect you directly to the internet.

If you need assistance please contact the Computing Services Helpdesk at 617-287-5220 or helpdesk@umb.edu. You can also find additional information at www.umb.edu/wireless.

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Instructions on using the Wireless Network on campus

As soon as you enter the Atrium Café (Campus Center), the AirPort Status icon on your menu bar should indicate that you are in range of the wireless network. If you don't see the Airport Status icon on your menu you may have to activate it. If you see the icon but don't see bars indicating you are in range of the network you will have to turn on Airport. To perform both actions, open your System Preferences (by clicking on the icon in your Dock or by selecting it from the Apple Menu.)

- Click on the "Network" panel in System Preferences window.
- In the Network panel, check "Show AirPort status in menu bar" and click on the "Assist Me" button.
- In the next window, type the name you would like for your new connection in the Location Name box. The default is the date/time.
- Click on Continue.
- In the next window click on "I use AirPort to connect to the Internet wirelessly".
- Click on Continue.
- In the next window, select the network you'd like to join and enter the password in the Password box. (This is the WEP key: umass)
- Click on Continue.
- The Network Preferences will indicate that the settings have been changed.
- Click on OK then "Apply Now" to save the settings.
- Now your Mac should see the wireless network.
- To log on to the network you will need to access it via your web browser.

Installing CA Certificate using different browsers:

For Internet Explorer:

- Launch the browser. You should see an error message about an Unknown Certificate Authority.
- Click on the "continue" button.
- You should see the "Wireless Campus Network" splash screen. You should see a link "Install CA Certificate" on the upper left corner. Click on the link.
- You should now see a window saying, "You have been sent a Certificate Authority". Click on the "View the Certificate Authority" button.
- Check the boxes "I have verified the Certificate is not a forgery" and "I trust the issuer to verify Internet security". Click on the Accept button.
- If you are installing the certificate for the first time then you will see a box to define a certificate password.
- Create a password and type it in the password box. (Note that you need to remember this password.) Click on the OK button.
- You will get the message "The Certificate Authority has been added successfully", after validating permission to add/change certificate preferences.
- Click OK to continue.
- Now you should see the "Wireless Campus Network" window again.
- Type your e-mail id in the "User Name" field and in the password field, enter your password.
- Click on the "Log In" button.
- You should see a popup window to Logout.
- When you're ready to log out, just click the link.

For Netscape:

- Launch the Netscape browser. You should see an error message about an Unknown Certificate Authority.
- Click on the "continue" button.
- You should see the "Wireless Campus Network" splash screen.
- You should see a link labeled "Install CA Certificate". Click the link.
- You should see a window to add new Certificate Authority.
- Check the box "Trust this CA to identify web sites". Click OK.
- Once you have added the Certificate Authority you will not need to "View" the certificate again.
- Now you should see the "Wireless Campus Network" window again.
- You can log on to the network by entering your student e-mail id and password.
- You should also see a popup window with the Logout link.

For Safari:

- At this time there doesn't appear to be a way to validate the certificate for Safari users. You can still log in to the wireless network, you'll just have to do this next step each time: When you try to send your browser somewhere you'll see an error message about an Unknown Certificate Authority; press the Continue button.
- Once you click on the "continue" button you should see the "Wireless Campus Network" splash screen and you can log in from there. You'll still have to go through the Unknown Certificate step each time but you will be able to log in.