

Lawrence University  
Information Technology Services

NETWORK  
CONFIGURATION  
MAC OS X

Reference Guide

This Reference Guide is a publication of ITS.  
Please contact the Helpdesk with questions:

920.832.6570

helpdesk@lawrence.edu

Seeley G. Mudd Library, Room 201

www.lawrence.edu/dept/its

### Connect an Ethernet Cable

1. While your computer is turned off, carefully connect one end of your Ethernet cable to the Ethernet port on your computer and connect the other end to the data jack in the wall. (Avoid crushing the cable with furniture, do not push thumbtacks through the cable, and do not allow the cable to touch a heat source.)
2. Turn your computer on.

### Set up multiple computers with a mini hub:

If you and your roommate/s brought computers, a mini hub will be necessary to connect to the data port in your room. Mini hubs are available from the ITS Helpdesk. The use of a mini-hub will require additional Ethernet cables.

### Set Network Preferences

If you have previously connected to the Internet on this computer at any location other than LU, you may need to modify network preferences:

#### OS 10.5

1. Go to *Apple – System Preferences*.
2. Select *Network*.
3. Make sure the drop-down menu at the top is set to *automatic*.
4. Select *Ethernet* from the left column.
5. Make sure the Configure drop-down menu is set to *Using DHCP*.

#### OS 10.4 or earlier

1. Go to *Apple – System Preferences*.
2. Select *Network*.
3. From the *Show* drop-down menu, select *Built in Ethernet* – if not already selected.
4. Select the *TCP/IP* tab. Ensure that *DHCP* is selected in the *Configure* or *Configure IPv4* drop-down menu.
5. On the *TCP/IP* tab, ensure that the *Domain Name Servers* field and the *DHCP Client ID* field are blank.
6. Select the *PPOE* tab.
7. Verify that *Connect using PPOE* is unchecked.

8. Uncheck *Make Appletalk Active*.
9. Select the *Proxies* tab. Verify that nothing is checked in this box.

### Update Your Operating System

It is necessary to maintain current operating system software in order to register on the network. Please follow the steps below to ensure that your operating system has the latest software updates.

1. Click *Apple – About this Mac*.
2. Click *Software Update*. Wait while Apple checks for updates for your computer.
3. Run updates.

### Update or Install Antivirus Software

All computers must have current antivirus software installed in order to register on the Lawrence Network. Download any updates available for your antivirus software. If you currently do not have antivirus software, or if your antivirus software subscription has expired, Lawrence provides Sophos Antivirus at no cost to students. (This is the same software used on campus computers.)

**To download**, follow **Network Registration** steps 1-2 (below) and on the Lawrence University Network page (before clicking continue) click “Information Technology Services provides antivirus software.” At the bottom of the page that opens, you will click another link to download. **\*\*Important:** Before you install the LU-provided antivirus software, be sure to completely uninstall other antivirus software including live updates and registry folders. This is essential in order to properly install the new software. If you need assistance, please contact the Helpdesk. (If your computer is found to be interfering with the network or spreading viruses, it will be disconnected from the LU network.)

### Network Registration

Before completing the below registration process, it is very important to ensure that both your antivirus software and your operating system software are

current by downloading available updates (see above).

1. Open an Internet Browser (Safari is preferred).
2. A security page will appear. Click *Continue to this Website* or click *Yes to proceed*.
3. A *Lawrence University Network* introduction page will appear. After you have read the information on the page, click *Continue*.
4. Select the type of device you would like to register.
5. A *Lawrence Terms and Agreement* page will appear. You must read and agree to the terms by clicking *I Agree* in order to continue with your computer registration.
6. Then select the type of connection that your laptop or desktop is currently using (such as Wired Laptop, Wired Desktop, or Wireless Laptop). Enter your Username and Password and click *Download*.
7. A download window will appear. Choose to save the file to your Desktop and click *Save*.
8. Go to your desktop, then locate and run the *Bradford Dissolvable Agent* file.
9. If any pop-up messages appear, select *Continue*.
10. Your computer will be scanned for required software by Bradford. Once the scan is complete, either a success page or a failure page will appear. If the failure page appears, click on the link to see how to resolve the failure. If the success page appears, you have successfully completed registration.

\* Password assistance is available at the Account Center: <http://viking.lawrence.edu>

### Connect to Your Personal Network Space

1. In the Finder, select the *Go* menu and *Connect to Server*.
2. In the address field, type:  
**smb://curtis.lawrence.edu/student**
3. Before pressing *Connect*, click the *plus* button.
4. Click *Connect* and enter your LU network username and password at the prompt.
5. Click on your own user folder from the list and select *File – Add to Sidebar*.

To reconnect in the future, click your user folder in the *Sidebar*.

### Connect to Campus Lab Printers

#### Mac OS 10.5.x

1. Download and install the Kyocera driver from the ITS website: [www.lawrence.edu/dept/its/students/connecting.shtml](http://www.lawrence.edu/dept/its/students/connecting.shtml)
2. Go to *Apple - System Preferences*.
3. Click *Print & Fax*.
4. Click on the plus sign in the lower-left. Right click (or Ctrl-click) anywhere on the toolbar at the top and select *Customize Toolbar*. Drag the *Advanced* button up to your toolbar and click *Done*.
5. Click *Advanced*.
6. In the *Type* dropdown, choose *Windows*.
7. In the *URI* field, use the following format to link to the printer you would like to install:  
**smb://viking/curtis/colman\_lab**  
  
Or, substitute /colman\_lab for preferred lab: /ormsby\_lab, /kohler\_lab, /plantz\_lab, /trever\_lab, /sage\_lab, /hiett\_lab, /brokaw\_lab, /exec\_lab, /library\_public, /library\_public\_2nd, /wcc\_lab (Warch Campus Center)
8. In the *Name* field, type the name you would like to use for this printer (such as Hiett\_lab).
9. From the *Print using* dropdown, choose *Select a driver to use*.
10. Enter 9530 into the search field and select Kyocera FS-9530DN (KPDN).
11. Click *Add*.
12. Change Paper Feeders to Large Capacity Cassette
13. If prompted, enter your computer's login and password and click OK.
14. The first time you print, you will be asked for your username and password. Enter them and check *Remember*.

#### Mac OS 10.3.x or 10.4.x

1. Download and install the Kyocera driver from the ITS website.
2. Go to *Macintosh HD-Applications-Utilities-Printer Setup Utility*.

3. Mac OS 10.4.x users: From the *Printers* menu, choose *Add Printer*. Then hold down the option key while clicking *More Printers*.  
Mac OS 10.3.x users: Hold down the option key while choosing *Add Printer*.
4. From the first drop-down menu, choose *Advanced*.
5. From the *Device* dropdown, choose *Windows Printer via Samba*.
6. In the *Device name* field, type the name of this printer (such as Hiett\_lab).
7. In the *Device URI* field, use the following format to link to the printer you want to install:  
**smb://viking\username:password@curtis/printername**  
Include your LU username and password.  
  
Or, substitute /colman\_lab for preferred lab: /ormsby\_lab, /kohler\_lab, /plantz\_lab, /trever\_lab, /sage\_lab, /hiett\_lab, /brokaw\_lab, /exec\_lab, /library\_public, /library\_public\_2nd, /wcc\_lab (Warch Campus Center)
8. From the *Printer Model* dropdown, select Kyocera.
9. From the *Appropriate Printer Model* field, select Kyocera FS-9530DN (KPDN). Click *Add*.

### Connect to Campus Share (Class Share)

1. In Finder select *Go – Connect to Server*. Type:  
**smb://curtis.lawrence.edu/campus\_share**
2. Click *Connect*.

### Access Your LU E-mail

1. Open an Internet Browser (such as Safari or Firefox) and go to <http://webmail.lawrence.edu>.
2. Log in with your username and network password.

Note: Safari and Firefox allow access to the Light version of webmail. The full version is accessible using Internet Explorer on a Windows computer.

A .pdf version of this guide is available online at:  
[www.lawrence.edu/dept/its/students/connecting.shtml](http://www.lawrence.edu/dept/its/students/connecting.shtml)