

## Connecting to the Network

Use the connection checklist below to assist you with connecting your computer to Florida Tech's network.

### Connection Checklist

- Acquire TRACKS Account Information
- Have Current Anti-Virus Software Installed
- Have Critical Operating System Updates Installed
- Ensure Installation of Network Card and Acquire Network Cable
- Register Network Card MAC Address
- For Laptops, Register Both Network Card and Wireless MAC Addresses

## (1) TRACKS

When registering for network access you must have your Florida Tech TRACKS account. If you do not have your TRACKS information please either visit the Technology Support Center, Building 401 (The President's Complex in the Academic Quad) or give us a call at (321) 674-7284(ext 7284). Without this information you will **NOT** be able to proceed with your registration.

## (2) Anti-Virus

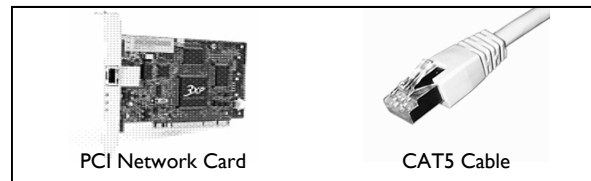
Per the University's Network policy, computers connecting to the network must have a functional up-to-date Anti-Virus program installed. If your system is compromised due to the lack of proper Anti-Virus protection, your connection will be disabled and will not be enabled until proof that a valid Anti-Virus program is installed. Let's all do our part to help keep the campus network as virus-free as possible.

## (3) Operating System Updates

Per the University's Network policy, computers connecting to the network must have all critical Operating System updates installed. These security updates close known vulnerabilities in the operating system that can be used to gain unauthorized access to your system and personal information. Turn on your systems Automatic update feature so it can notify you when updates are available. We also recommend keeping the Windows firewall turned on and file sharing turned off. This will also help prevent unauthorized access to your system.

## (4) Network Hardware

To connect to the network your computer must be equipped with an **Integrated Ethernet Card** or have a **PCI Network Card** installed. The card must be plugged into the network jack in your room with a **Network (CAT5) Cable**.



If you do not have a network cable, you may purchase one from the Florida Tech Bookstore (located in the SUB) or from a local computer store (maps are available at the Technology Support Center).

For proper compatibility with our network we recommend using a "10/100 Mbps" or "10/100/1000 Mbps" ethernet card and a "CAT5", "CAT5e", or "CAT6" network cable no longer than **40 feet**. Note: **Phone cables can NOT be substituted for CAT5 cables.**

## (5) Obtaining your MAC Address 00:00:00:00:00:00

You must register the **Physical (MAC) Address** of your network card. Each network card has a unique MAC address. Perform the following steps for your specific Operating System to obtain your MAC address:

### Windows XP

- 1) Click **Start**, then **Run**, type **cmd** in the text box and click **OK**, then type **ipconfig /all** in the command prompt window and press **Enter**.
- 2) In the "Ethernet adapter" section, look for the line that begins with "Physical Address." This is your MAC address.

### Windows Vista

- 1) Click **Start**, then in the search window at the bottom of the start menu where it says "start search", type **cmd**.
- 2) Type **ipconfig /all** in the command prompt window and press **Enter**.
- 3) In the "Ethernet adapter" section, look for a line that begins with "Physical Address". This is your MAC address.

### Macintosh with MacOS X (10.3 & 10.4)

- 1) Select **System Preferences** from the **Apple Menu**.
- 2) Open the **Network** control panel.
- 3) Select the Ethernet card from **Configure**.
- 4) Select the **TCP/IP** tab. Look for the **Ethernet Address**. This is your MAC address.

If you do not see your Operating System listed here, either check you operating system's documentation. or use your RA's computer to view our extended instructions online. <<http://www.fit.edu/networks/ip/links/macinfo.php>>

## (6) Register Now

You may now register for your network connection. Please visit the **User Network Registration** webpage <<http://reg.fit.edu>> and follow the on-screen instructions. On-campus residents in need of an Anti-Virus program can download and install McAfee Enterprise 8.5i as part of this process. Returning students, please note that last year's registrations were kept, so you may already be registered.

## (7) Need Help?

If you are having trouble finding your MAC address, please call us at ext. 7284 or visit the Technology Support Center.

For additional help, assistance is available as follows:

- 1) **Walk-ins** are welcome at the **Technology Support Center**.
- 2) **Phone** support is available at ext **7284**.
- 3) **E-mail** support is available at [techsupport@fit.edu](mailto:techsupport@fit.edu).
- 4) **Online** support is available at <<http://it.fit.edu/support/request/>>.

Also, a great deal of useful information can be accessed through the **Information Technology** <<http://it.fit.edu/>> webpage. There you will find links to a variety of topics that will help answer many of the questions that will arise as you settle into your new life here on campus. You can access information on PAWS, TRACKS accounts, Blackboard, wireless networking, E-mail, U-drive access, and personal web pages. You will also find information on PC standards and the Campus Acceptable Use Policy.

## (8) Electronic Key Requests

Students requiring after-hours access to the labs in Olin Engineering will need to register for Electronic Key access. Visit the Technology Support page at <http://it.fit.edu/support> and click on the **Electronic Key Request** link. You will be asked to provide your TRACKS information. Follow the on-screen instructions to request access. Please note that it could take up to 5 business days to process your request.

## (9) Wireless Connectivity

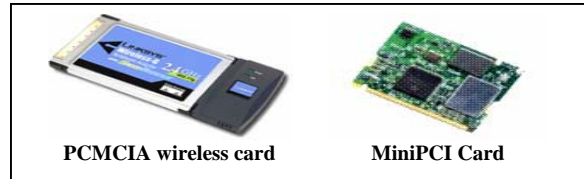
Florida Tech is covered by a 802.11b/g wireless network which provides students, faculty, and staff with wireless internet connectivity in the following areas:

- 1.) Academic Quad
- 2.) Clemente Center
- 3.) College of Business
- 4.) Columbia Village Commons Building
- 5.) Denius Student Union Building
- 6.) Evans Cafeteria
- 7.) Evans Library
- 8.) Keuper Administration Building
- 9.) Link Engineering Building
- 10.) Olin Engineering Complex
- 11.) Olin Life Sciences
- 12.) Olin Physical Sciences
- 13.) Psychology
- 14.) Shepard
- 15.) Skurla Aeronautics Building

Note: Residence Halls do not have wireless access to the network. Computers in the Residence Halls must be connected by an Ethernet cable.

Information on setting up your wireless connection can be found on the **IT Wireless** webpage <http://it.fit.edu/wireless/>.

To gain access to the wireless internet connection you will need a **Wireless Card**, which needs to have its MAC address registered. Find this address the same way you found your Ethernet Connection MAC address. There are two types of cards which work on our network: the 802.11b and the 802.11g. Laptops use either a miniPCI wireless card or a PCMCIA card.



MiniPCI cards are internal to the laptop and come pre-installed, check your manual to see if you have one installed. If you do not own a laptop with an internal wireless card and you would like to access the wireless network, you can purchase one from a local computer store (maps are available at the Technology Support Center).

Many modern Cell Phones & PDAs have built-in wireless adapters which can be registered for the campus network as well.

## (10) Join Us

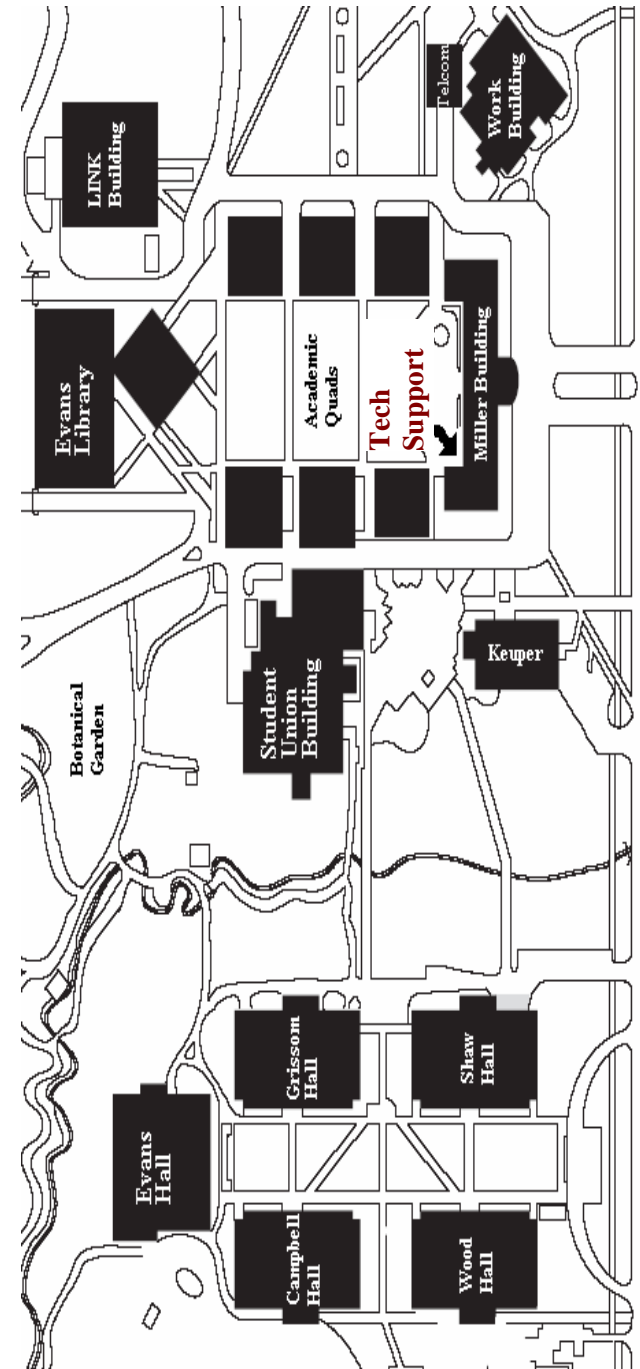
Interested in helping others with technology-related issues? Would you like to make some extra money during the school year while working on campus? If so, come by our office and bring your resume. If you are eligible for Work Study, please remember to bring your blue card.

## (11) Hours of Operation

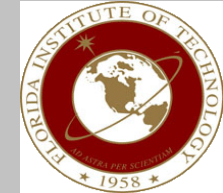
Hours of operations are as follows:  
Mon - Thurs 8AM-11PM (walk-ins until 7pm)  
Friday - 8AM-5PM  
Saturday 1PM-4PM  
Sunday 1PM-6PM

## (12) Visit US

The Technology Support Center is located in Building 401 (the President's Complex in the Academic Quad).



# Technology Support Center



## Network Connectivity Guide

