

# CCON Residence Hall

## Internet Connectivity Options

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You have three basic options for Internet access as a resident of CCON Residence Hall:

1. **Dial-up Access (through your phone line)**
2. **DSL Access (through your phone line)**
3. **Purchase wireless service from a neighbor**

### **Telephone Service:**

Having Dial-up or DSL Access will require that you have telephone service in your room. **CCON Residence Hall does not supply telephone service and you need to set up the telephone line on your own.** Call AT&T (1-877-U-ASK-ATT) to have the service started. You will need CCON's address (2121 E Newport Ave, Milwaukee, WI 53211) and your room number. Only one resident can set up the service, so call your roommate first to determine who will set up the account.

### **Dial-up Access:**

Dial-up access is the slower but cheaper way to connect to the Internet. There are many companies that offer dial-up access. Some of these companies include: AOL, MSN, Earthlink, and PeoplePC. You can not use your telephone while you are connected to the Internet.

How to get started:

- AOL –Free startup CDs are located in the CCON Computer Lab (Room 178)
- Netzero - Call 1-800-333-3633 to sign up
- PeoplePC – Call 1-888-587-9669 to sign up

UWM Students, as part of their tuition, are eligible to receive free dial-up internet services through UWM. Please stop by any of the UWM campus computer labs and ask the lab attendant for a software CD; the CD will contain instructions about how to dial in to UWM's dial-up internet services. You will need to establish your own phone line in your room before accessing this service.

### **DSL Access:**

Though more expensive, DSL service is about 50 times faster than dial-up. DSL Access runs through your phone line like dial-up access; however, you can still use your telephone to receive and send calls. The Columbia Hospital Campus uses AT&T as it's service provider. Contact AT&T (1-877-U-ASK-ATT) to have the service started. **You need to set up phone service with AT&T in order to receive DSL service.**

### **Wireless Service:**

In years past, the residents of CCON created their own high-speed wireless network. Here's how it works:

Several (3 or more) residents from each floor purchase DSL service. They then purchase a wireless router (\$50-\$100) that broadcasts a high-speed signal to the surrounding rooms. The residents with DSL service and a wireless router are called a "Host". The Hosts should work together to insure that their Clients are evenly distributed throughout their floors to prevent overloading any one connection.

The Host's neighbors (Clients) need to purchase a wireless receiver (\$30-\$60). The Clients pay the Host a fee for the service, which varies depending on how many Clients are using their DSL Service. The host should charge their clients the full semester cost at the beginning of the semester, which will prevent the host from having to collect fees monthly.

All wireless routers come with security options so the room with the router will only provide access to those residents that have paid for the service. All of the above mentioned networking equipment can be purchased at an online electronics retailer or any popular electronics store.

**CCON Residence Hall does not assist in the creation or maintenance of this wireless network. This network is created and maintained solely by the residents, and CCON takes no responsibility in organizing or maintaining it.**

**As the CCON Residence Hall Contract stipulates, students can not sell goods or services for a profit. Therefore, residents can only sell DSL service to cover the costs of the monthly services plus the cost of the router.**

**Host** (you have the DSL service and the router):

Advantages	Disadvantages
Your DSL service will only cost around \$5 a month (depending on how many people buy service from you).	If the service goes down for any reason, it is your responsibility to get it working again. You also need to collect fees from your neighbors (once a semester).
You will help your neighbors and get to know other students on your floor.	You need to spend \$50 - \$100 on a router which you can recover by adjusting your monthly charges to students.

**Client** (you purchase the service from your neighbor):

Advantages	Disadvantages
Your high-speed service will only cost around \$5 a month (depending on how many people buy the service).	You need to spend \$30-\$60 on a wireless receiver.
You will get to know other students on your floor.	The service may not be as reliable as private DSL service.

## FAQ

### **How many people can be on the network before it starts to slow down?**

The amount of users may determine the speed of the overall network. If 10 people are surfing the Internet, there will be little to no speed degradation. However, if clients are downloading large files, that will slow the network and the other users may notice slower speeds. Hosts are encouraged to work with the other Hosts on their floor to insure that Clients are evenly distributed to avoid overloading any one Host's connection.

### **How will I know if someone near my room will provide wireless service?**

You won't know until move-in day. You will need to talk to other people on your floor to find out who will be a "host" and who will be a "client."

### **How did this work last year?**

Surveys from residents that participated in the wireless network last year were very positive. 82% of hosts and 88% of clients said the service was useful.

### **I'm not an experienced computer user. Can I set up a wireless network?**

Yes. The instructions included with your router are very clear and installation is usually very quick and easy (as long you follow the directions). Those returning students who previously participated in the wireless internet service can assist you.