

## INFORMATION TECHNOLOGY DEPARTMENT

### Preparing to connect from the UAM resident halls

Prior to arrival on campus visit

<http://www.uamont.edu/InformationTechnology/StudentIT/getconnectedRH.htm>. This site will allow you to scan your system to ensure it meets all UAM requirements for network access.

**Listed below are the things UAM requires to pass a scan and allow network access.**

- a. Windows 2000 SP4, Windows XP SP2, Windows Vista, and MAC. Earlier operating systems such as Windows 3.1 and Windows 98 are not supported.
- b. Up to date Anti-virus program. There are a variety of anti-virus programs that will work.

Keep in mind that these programs must be up to date. Anti-virus programs that no longer receive regular virus definition files will fail the Campus Manager scan. To view the list, go to <http://www.uamont.edu/informationtechnology/studentit/getconnectedRH.htm>. UAM provides an Enterprise version of Trend Micro to all students living on campus.

- c. All operating system critical and security updates. Go to [www.update.microsoft.com/](http://www.update.microsoft.com/) site for these. This is mandatory and systems will not pass the scan without all updates.
- d. All Microsoft Office updates. Users who have copies of Microsoft Office are also required to keep this software up to date.
- e. All users need to have Ad-Aware installed. There is a free version that can be downloaded at <http://lavasoft.com/>.
- f. All users are required to have a firewall enabled at all times.
- g. Microsoft OS users are required to have automatic updates enabled.

Once you have successfully passed this scan, your system has met the security requirements needed to access the UAM network. Please run the scan again as close as possible to your arrival on campus to ensure that you have any newer operating system updates or virus definition file updates.

#### **When you arrive on campus**

Upon your arrival to campus you will need to register your system with UAM. This is an automated process, when you plug your system in at your resident hall you will be required to supply the following information:

- a. UAM email username (used to check email and to register your system on the network)
- b. UAM password

Your system will undergo another scan to ensure you still meet UAM security policies. If you register successfully and pass the security process you will be admitted to the network.

#### **What to do if you can't get connected**

1. If you are unable to get to the registration screen using the wired connection in your resident hall room, you will need to enter a work order with the Department of Information Technology at 460-1036. IT will send a technician over to inspect the cabling in your residence.
2. If you can get to the registration page, but cannot remember your username or password to register with, you will need to call the Department of Information Technology at 460-1036. Ask for assistance with your username/password.
3. If you register successfully, but cannot pass the scan, then you need to follow the instructions within the system. This will give you information on why your system is failing the security scan. The most common problem is out of date operating system and out of date antivirus.

<http://www.uamont.edu/InformationTechnology/>

## **Preparing to connect to UAM's wireless network**

**Weevil Wireless:** A secure network. Encrypted Wireless connection for UAM Students

- a. UAM Student username and password required.
- b. Must have a wireless network card installed and working.
- c. Encryption requirements:
  1. WPA2 (Wi-Fi Protected Access 2) for network authentication.
  2. AES (Advanced Encryption Standard) for data encryption.
  3. Protected EAP (PEAP) for authentication and key generation.
  4. Secured Password (EAP-MSCHAP v2), Extensible Authentication Protocol.
- d. All systems will be scanned by a Network Access Control Software. All systems must have the following;
  1. Vista, XP SP3, 2000 SP4 or MAC. No handheld devices at this time.
  2. Up to date operating system with all critical updates from Microsoft.
  3. Update Antivirus program. To see an approved list go to:  
<http://www.uamont.edu/InformationTechnology/studentit/getconnectedRH.htm>
- e. Access to student resources:
  1. Campus Connect
  2. Student Email
  3. WebCT online courses
  4. Library resources
  5. Internet resources