Lecture 2: Class Setup

- There is no new Ubuntu reading assignment.
- If you haven't read the first two chapters of the Petersen textbook, then you should do so now or in the near future
- There are no new chapters to read in *The Practice of System and Network Administration*.
- If you haven't read the first two chapters, you should start on this soon

Announcements

- Is there anyone here who has not completed the apply process?
- If so you must do this immediately
- You will find the instructions here:

http://www.cs.umb.edu/~ghoffman/linux/apply_process.html

- You will not be able to complete the work for this course unless you have a Unix account and an ***it341*** directory
- If you have had trouble applying, come talk to me after I finish speaking

Windows Account

- When you complete the Apply process you will get a Unix account (*if you don't already have one*) and a course directory, ***it341***, in your home directory
- You will also need to apply for a Windows account, which will let you use the Windows machines…
  - ➢…in this lab
  - ➢…in the Unix Lab
  - ➢…in the Web Lab

Windows Account

- The username of your Windows account should be the same as the username of your Unix account.
- The first time you log into a Windows machine, you will need to use the default password ***abcd_1234***
- You will then be prompted to change this password
- I would suggest you use the same password as your Unix account
- You will need to apply for a Windows account, so please go to the Unix Lab and speak with an operator.

Team Name

- Each team will have a team name
- You will use this name when creating your virtual machine
- I will use this team name when checking your projects
- The team name is based on the PC you work on, the section you are in, and which group
- Teams names all have the same format

Team Name

- They start with ***itvm***
  - Followed by team number, such as ***28***
  - followed by a dash, ***-***
  - followed by the your section number, such as ***1*** – or, during the summer session, ***3***
  - followed by which group, ***a*** or ***b***
- The PC you work on determines your team number

Team Directory

- Every team will have a team directory on the machine they have chosen
- The name of the directory will be "sectionyz" – for example, ***section3a***
- I (or you) will make this directory inside the IT341 Teams directory on the C drive
- Make sure that the directory permissions are such that ***both*** team members can work with it.

Team Directory

- That way, both you and your partner can access it no matter who has logged on to the machine
- The files for your virtual machine will be stored in your team directory
- Please make ***regular backups*** of your VM files, as accidental deletions have been known to happen!

Lab Machines

- There are 11 machines in this lab, but you may only use **8** of them
- You will be able to use `ssh` to connect, but you will do so using an account that will not allow you to change anything
- You and your teammate will work on one machine only
- Never turn off any machine in this lab
- The operators need them running so they can push Windows updates to them. Also, student in other classes have been known to restart the machines or shut them down…

Lab Access

- Students for this class are issued a door code
- You may use your assigned machine in this lab, any time that the room is not being used for a class or seminar
- That means both day and night
- If you ever have trouble getting into the IT Lab let me know

Administrator's Log

- Be sure you are keeping your own lab reports for your administrator's log. This is your ***individual*** record
- These reports counts for **50%** of your course grade
- Requirements are spelled out here:

http://www.cs.umb.edu/~ckelly/teaching/

common/data/linux/admin_log.html

Getting Help with Your Windows or Unix Account

- If you have trouble with your Windows or Unix account you need to send an email to the operators
- Their email address is ***operator@cs.umb.edu***
- Also remember this link:

http://www.cs.umb.edu/~ghoffman/linux/

fixing_problems_with_accounts.html

- If you have trouble while you are in class, you should simply walk down to the Unix Lab and talk to an operator directly

What You Need to Learn

- You will be coming across a lot of detail in this course
- Most of the commands you will be using have a great number of options, and the text configuration files will have many variations
- Concentrate on the most important options
- You need to learn just enough to ***get the job done***, so don't be put off by the detail
- You will learn the other options as needed
- The ***man*** pages usually have all the documentation you need

Now look at the "Projects" section of the course webpage and start looking into Project #1, etc.