

OBJECTIVE	Installation of VMware
DUE DATE	End of Week 2 lab class
SUBMISSION	Demonstrate VMware running on your caddy
EVALUATION	1% of final mark
MATERIALS	* Hard drive & eSATA enclosure ("caddy") * Blank CD
NOTES	Read the instructions. Don't be afraid to ask for help.
QUOTE OF THE DAY	<i>"Computers are like Old Testament gods; lots of rules and no mercy."</i> - Joseph Campbell

RULES FOR LAB CLASSES

The College takes no responsibility for damaged student drives and damaged computer systems — the student takes complete responsibility for damage caused by negligence or inattention to the lab systems.

Please take time as well to read the Lab Use Policy which is posted on the wall next to the door. If you violate lab policy you will be asked to leave, regardless of whether you have completed your work. Repeated violations will see you banned from the lab entirely.

Some (but not all) things that are banned:

- Watching movies
- Watching tv shows
- Watching video clips (YouTube etc...)
- Computer games
- Chatting online

LAB I INSTRUCTIONS

Part 1- Lab Preparation: Creating Caddy Boot Disk

FROM THE COMPUTER ACCESS CENTER ON THE 2ND FLOOR OF T BUILDING
(OR ANY OTHER ACCESS CENTER)

- 1 Log onto one of the access center PC's using your Algonquin username and password.
- 2 Insert your blank CD into the CDROM drive.
- 3 Open up Internet Explorer and browse to the URL **http://cstech** . This is the School of Computer Studies technician lab support page.
 - 4 Select lab room **T115**.
 - 5 Select - **Drivers and downloads**
 - 6 Select - **Drive image boot disk**
- 7 Go to **Bootable CD instructions** at the bottom of the page. Click on **LAB BOOT DISK IMAGE**.
- 8 When you see the "File Download" window, click **Save**.
- 9 When you see the "Save As" window, click **Save**.
- 10 When you see the "Download complete" window, click **Close**.
- 11 Close Internet Explorer.
- 12 Click the **Start** button and navigate to
Programs -> Utility Programs -> Nero 7 Essentials -> Nero StartSmart Essentials
- 13 In the Nero window, click **Nero Express Ess**.
- 14 In the "Nero Express Essentials" window, click the **Image, Project, Copy** button, then click the **Disk Image or Saved Project** button.
- 15 In the "Open" dialog box, enter
C:\Documents and Settings\ellisb-t\Desktop\Lab_boot_disk.iso in the "File Name" field and then click **Open**.
- 16 In the "Nero Express Essentials" window, click **Burn**.
 - 17 The CD should start burning and take about 30 seconds to finish
 - 18 Click the **OK** button and then click the **Next** button.
 - 19 Remove the burned CD.
- 20 Close Nero and log off the computer.

You now have your lab boot CD. Bring this to the first lab. Also, hang on to it while you are at Algonquin, you may need it later.

Part 2 - Lab Procedure: Imaging your drive

This disk will image or re-image your hard disk. Once the imaging has begun, it cannot be stopped without rendering your drive useless. DO NOT USE IT ON ANY DRIVE OTHER THAN YOUR eSATA Drive or CADDY. READ THE DIRECTIONS THROUGH COMPLETELY BEFORE BEGINNING AND FOLLOW THEM CAREFULLY. FAILURE TO DO SO COULD RESULT IN UNINTENTIONALLY RE-IMAGING YOUR HARD DRIVE.

From lab room T111, complete the following:

- 1 Attach your eSATA drive to the power outlet and the computer using the cables provided. Please be careful in doing this. Look at the connectors to determine the correct way to connect them. Do not force them in.
- 1 Turn on the eSATA drive.
- 2 Turn on the computer.
- 1 Insert the boot disk that you created in Part 1 and boot the machine. You will see a menu. If nothing appears to be happening after five minutes or so then you may need to reset the computer.
- 1 Menu 1 - The 1st menu is where you select the lab you are in while imaging the hard disk. Carefully select the correct lab. If you select the wrong one, the imaging will not work.
- 1 MENU 2 – Select **** A ****
 - a "Re-image your whole drive": This option will completely re-image your hard disk. **ALL DATA FROM ALL PARTITIONS WILL BE LOST.** Your drive will have 2 partitions. The 1st will be about 20GB in size and have Windows XP Pro installed with VMWare. The second partition will use the rest of your drive and be set up to be your VMWare and data partition. The SID and computer name will also be changed to new random names.
 - a "Re-image only the O/S Partition": This option will re-image ONLY THE 1ST PARTITION leaving any other partition(s) alone. Use this option when you need to recover your O/S partition without overwriting the others. Unless there is some unforeseen complication, your data (including virtual machines) will be left intact. This should be a last resort! Accidents can happen! The SID and computer name will also be changed to new random names.
 - a "Rename Only": This option does not re-image any partitions. It only changes the SID and computer name to randomly generated ones.
 - a "Abort": As the name says, this will abort all operations. Simply remove the disk and reboot afterward. Nothing will be changed.
- 1 Now wait and be patient it may take a while.

- 1 Once Windows XP boots enter your username and password as follows:
 - a **Username:** Administrator
 - a **Password:** password
- 1 You will be prompted for a new password. Choose one. **Do not forget this password, write it down. You will need it later and we cannot retrieve it for you.**