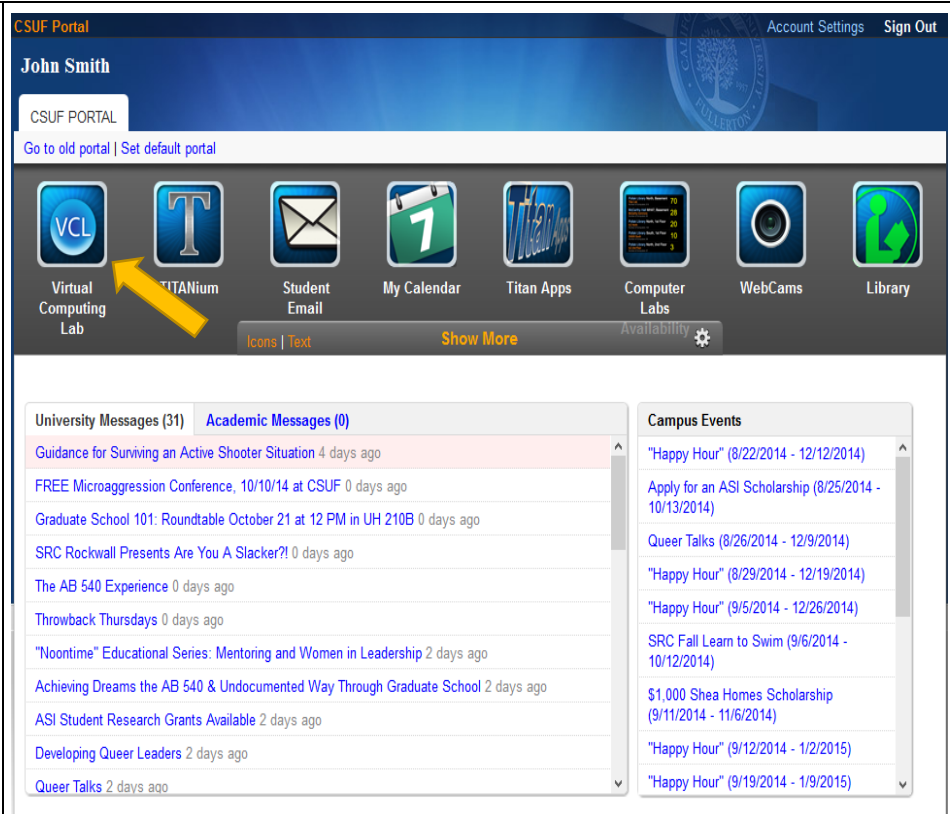# How to use Virtual Computer Lab

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1. From your portal, click on the Virtual Computing Lab (VCL) icon.

You can also access VCL through the direct login at: vcl.fullerton.edu

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2. Click on the "New Reservation" button to begin reserving your VCL session.

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3. From the dropdown menu, choose the software you would like to reserve. *For example, the user wishes to reserve a session with Windows7, SPSS, Amos 21, and Acrobat XI.*	
4. Click the "Create Reservation" button to reserve your software. *You can choose to reserve the software now, or at a later date. You can also choose the duration of the reservation ranging from 30 minutes to 4 hours.*	

Information Technology

5. Your reservation is now pending, and the wait time could last up to 10 minutes.	
6. When your reservation is ready, click on the "Connect!" button to start your session. *If you don't connect within 15 minutes, your reservation will be timed out and you have to start the process again.*	

Launching your VCL session:

7. Click on the "Get RDP File" button. *Please note the* **IP Address, User ID and Password**. *You will need this to log in when you launch your session.* <mark>**Mac Users:**</mark> Please see step 11. <mark>**Ubuntu Users**</mark>: Please see step 12. <mark>**Chrome OS Users**</mark>: Please see step 15.	**VIRTUAL COMPUTING** [English ▾] HOME New Reservation **Current Reservations** Block Allocations User Preferences Manage Images Statistics Documentation Logout **Connect to reservation using Remote Desktop** You will need to have an X server running on your local computer and us web browser running on the same computer from which you will be cor Use the following information when you are ready to connect: • **Remote Computer:** 137.151.224.231 • **User ID:** 899546725 • **Password:** T4TqHV NOTE: The given password is for *this reservation only*. You will be giver **NOTE: You cannot use the Windows Remote Desktop Connect** [Get RDP File] Copyright © 2004-2014 by Apach
8. Click the "OK" button to open up Remote Desktop Connection.	**Opening ILC Win7 SPSS Amos 21 AcrobatXl.rdp** ✕ You have chosen to open: 🖳 **ILC Win7 SPSS Amos 21 AcrobatXl.rdp** which is: Remote Desktop Connection (600 bytes) from: https://vcl.fullerton.edu What should Firefox do with this file? ⦿ *O*pen with [Remote Desktop Connection (default) ▾] ○ *S*ave File ☐ Do this *a*utomatically for files like this from now on. [OK] [Cancel]

9. Enter your User ID and password from above and click the "OK" button.	**Windows Security** ✕ Enter your credentials These credentials will be used to connect to 137.151.224.231. [Password] ⬅ Use another account ☐ Remember my credentials ⬅ OK Cancel
10. Click the "YES" button to begin your session.	**Remote Desktop Connection** ✕ ⚠ **The identity of the remote computer cannot be verified. Do you want to connect anyway?** The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed. Certificate name 　Name in the certificate from the remote computer: 　PC Certificate errors The following errors were encountered while validating the remote computer's certificate: ⚠ The certificate is not from a trusted certifying authority. Do you want to connect despite these certificate errors? ☐ Don't ask me again for connections to this computer View certificate... ⬅ Yes No
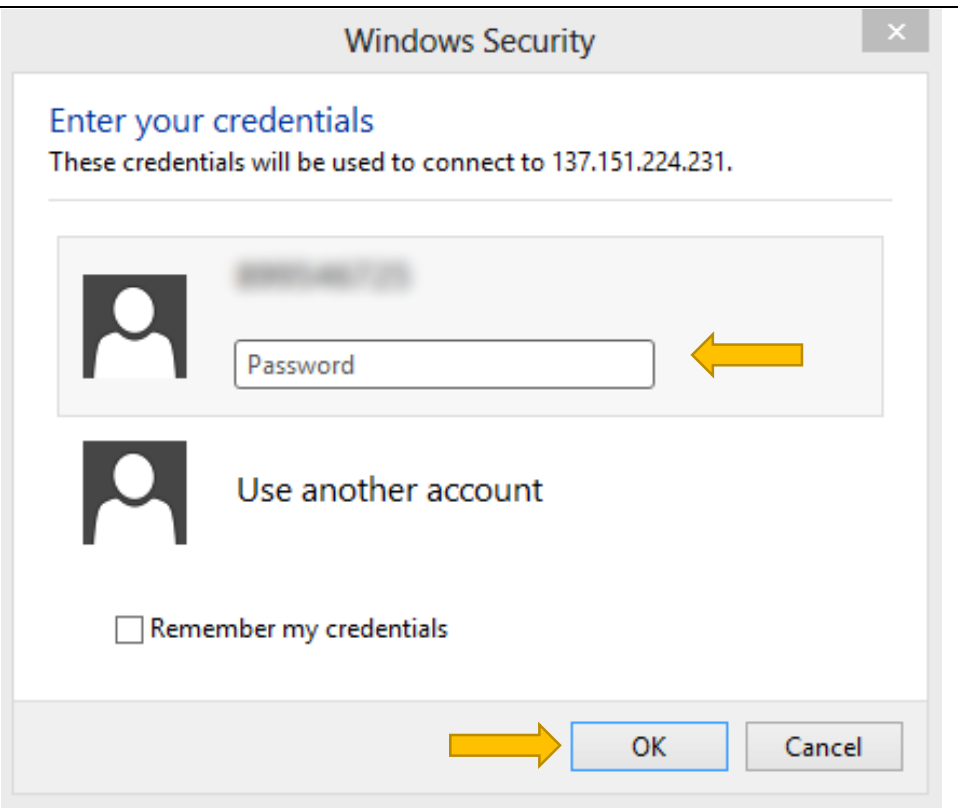
11. Mac users will need to install the Microsoft Remote Desktop app from the App Store. This free app allows a Mac computer to connect to a Windows-based computer.

You can also use CoRD as a viable alternative to Microsoft Remote Desktop. Drag the app to your applications folder and run. Input the IP address and start your session.

12. Ubuntu users, please open up System Settings and click on Software & Updates. Under the Ubuntu Software tab, make sure the box for "Community-maintained free and open-source software (universe)" is checked. Close and reload.
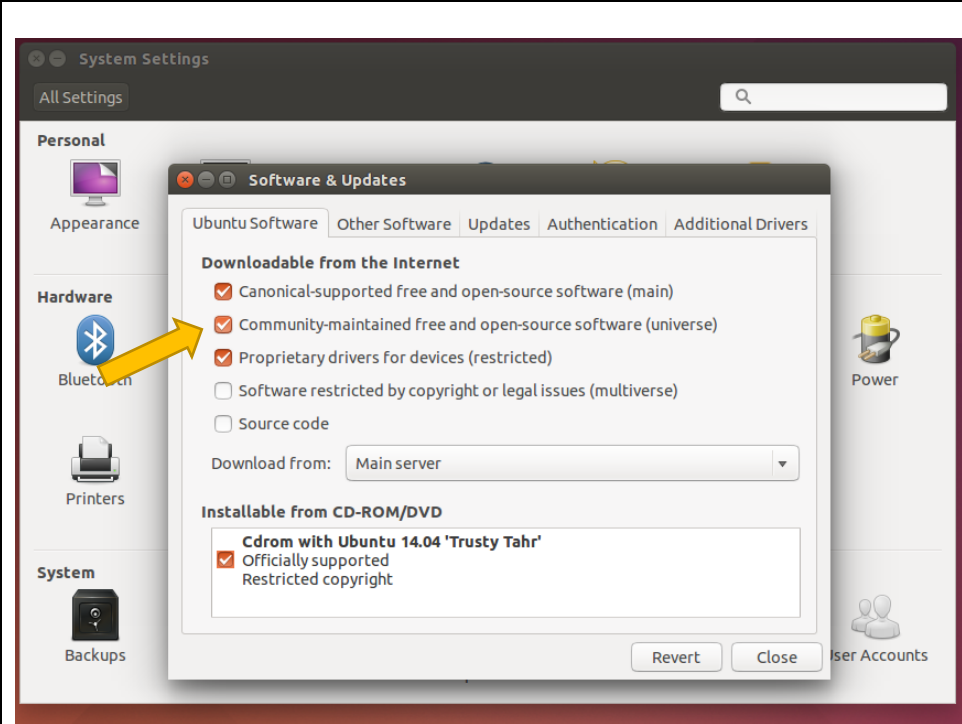
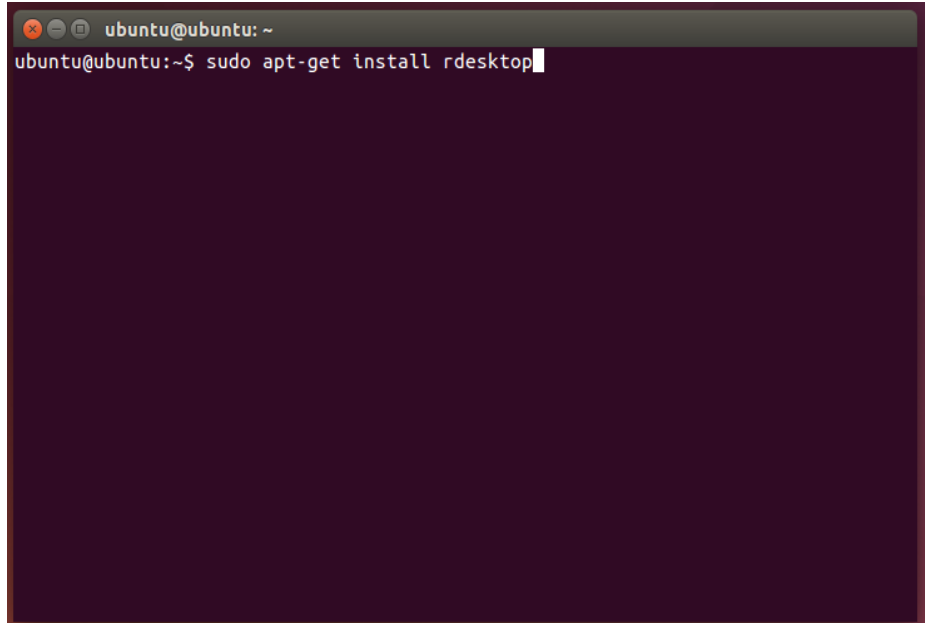|	
13. Open a new Terminal window and type the following command: "sudo apt-get install rdesktop" and press ENTER. *This will install a software that will enable you to connect to Windows-based machines.*	⊗⊜⊡ ubuntu@ubuntu: ~ ubuntu@ubuntu:~$ sudo apt-get install rdesktop
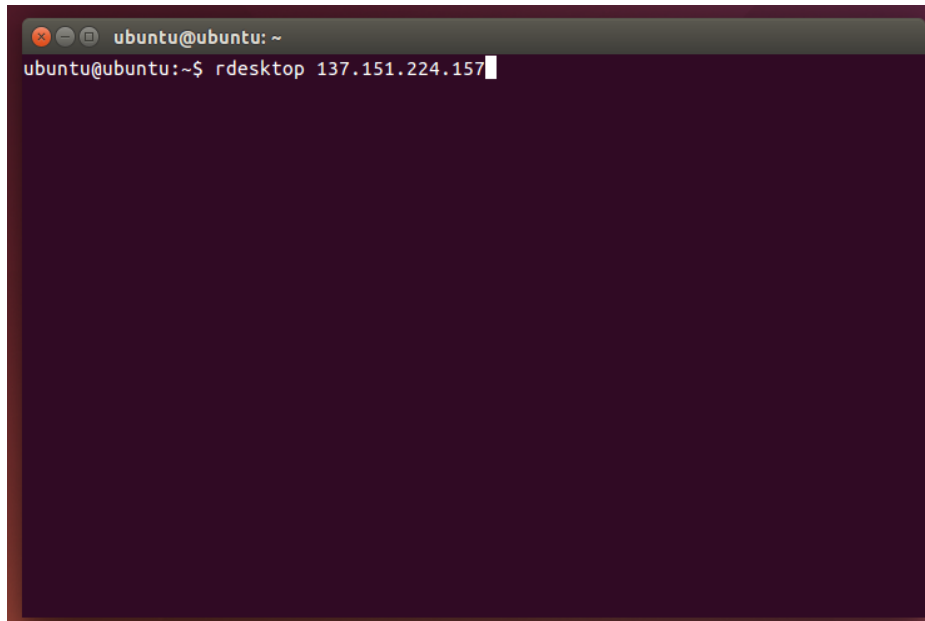
14. With Terminal open, enter the command: "rdesktop 137.151.224.157" and press ENTER. *Your session will begin. Use your credentials above to log in.* *Note: your IP address could be different from the one shown above.*	⊗⊜⊡ ubuntu@ubuntu: ~ ubuntu@ubuntu:~$ rdesktop 137.151.224.157

15. **Chromebook** users, please open the web store and download **Chrome RDP**.

    You will need this to connect to your VCL session.

16. Open Chrome RDP and input the IP address for your session. (i.e. 137.151.224.180) Press the Connect button, then press Continue.

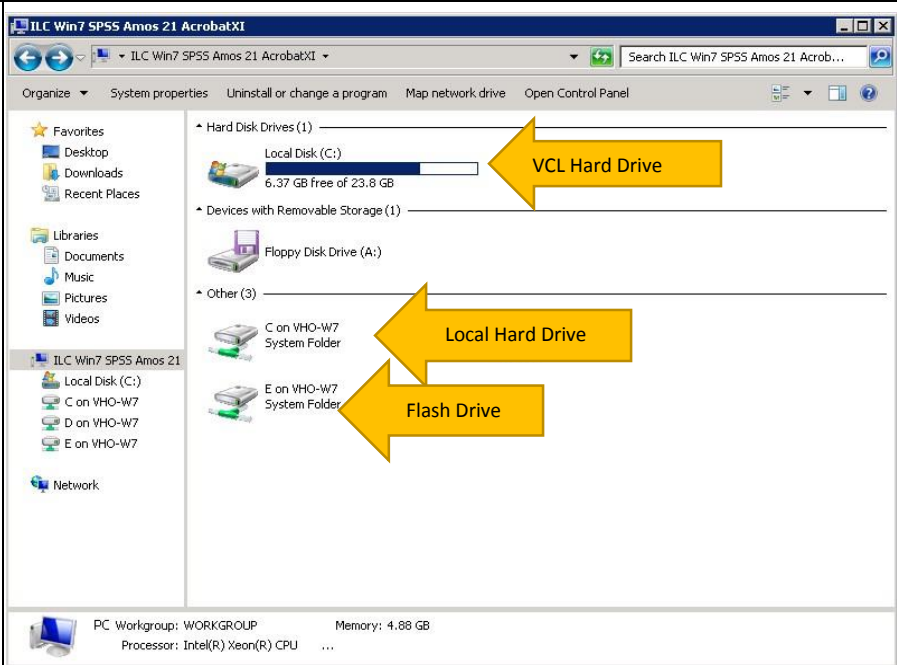|	
17. Input your **User ID** from above in the UserName field. Input your **Password** from about into the password field. (case-sensitive) Hit the OK button. Your VCL session should now launch.	Enter your credentials These credentials will be used to connect to 137.151.224.180 Domain: [ ] UserName: [▮▮▮▮▮▮▮] Password: [••••••] OK Cancel
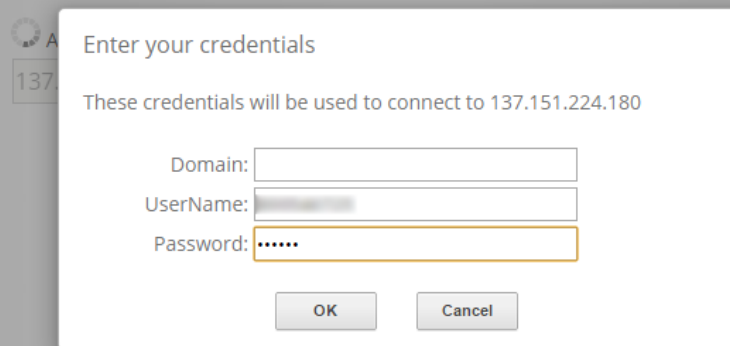
Saving and Accessing Drives

18. Work off of the VCL hard drive, and **REMEMBER** to move the files to your local hard drive or flash drive before your session ends! You will lose all your work if you don't. Once the reservation time is up, you should get a popup warning, but in some cases you will not, so please **WATCH YOUR TIME**!	ILC Win7 SPSS Amos 21 AcrobatXI Organize ▾ System properties Uninstall or change a program Map network drive Open Control Panel ★ Favorites Desktop Downloads Recent Places Libraries Documents Music Pictures Videos ILC Win7 SPSS Amos 21 Local Disk (C:) C on VHO-W7 D on VHO-W7 E on VHO-W7 Network Hard Disk Drives (1) Local Disk (C:) — 6.37 GB free of 23.8 GB ◀ **VCL Hard Drive** Devices with Removable Storage (1) Floppy Disk Drive (A:) Other (3) C on VHO-W7 System Folder ◀ **Local Hard Drive** E on VHO-W7 System Folder ◀ **Flash Drive** PC Workgroup: WORKGROUP Memory: 4.88 GB Processor: Intel(R) Xeon(R) CPU ...

For a full video tutorial on how to use VCL please click on the following link:
[VCL Video Tutorial](#)